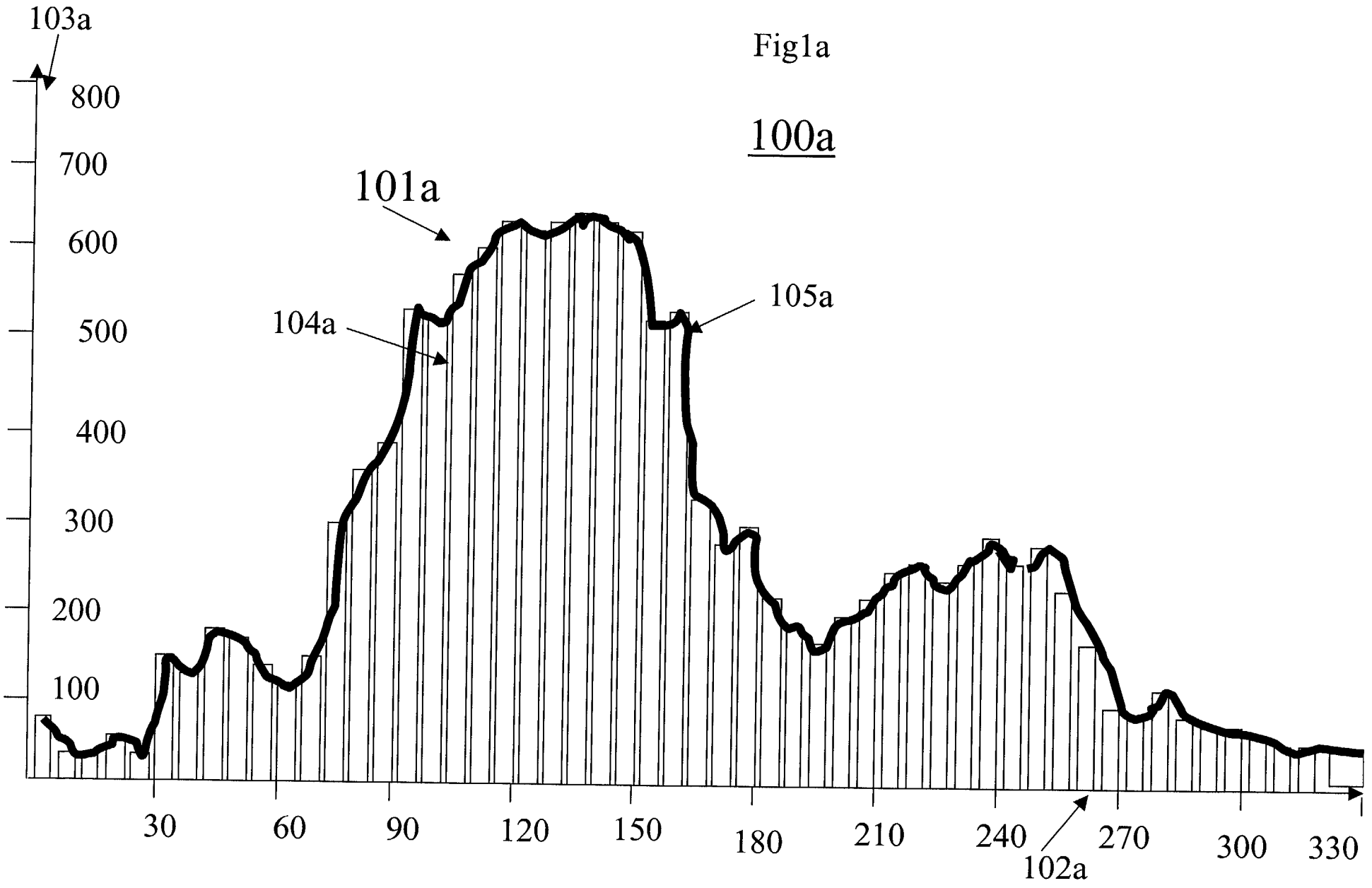
Fig1a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103a
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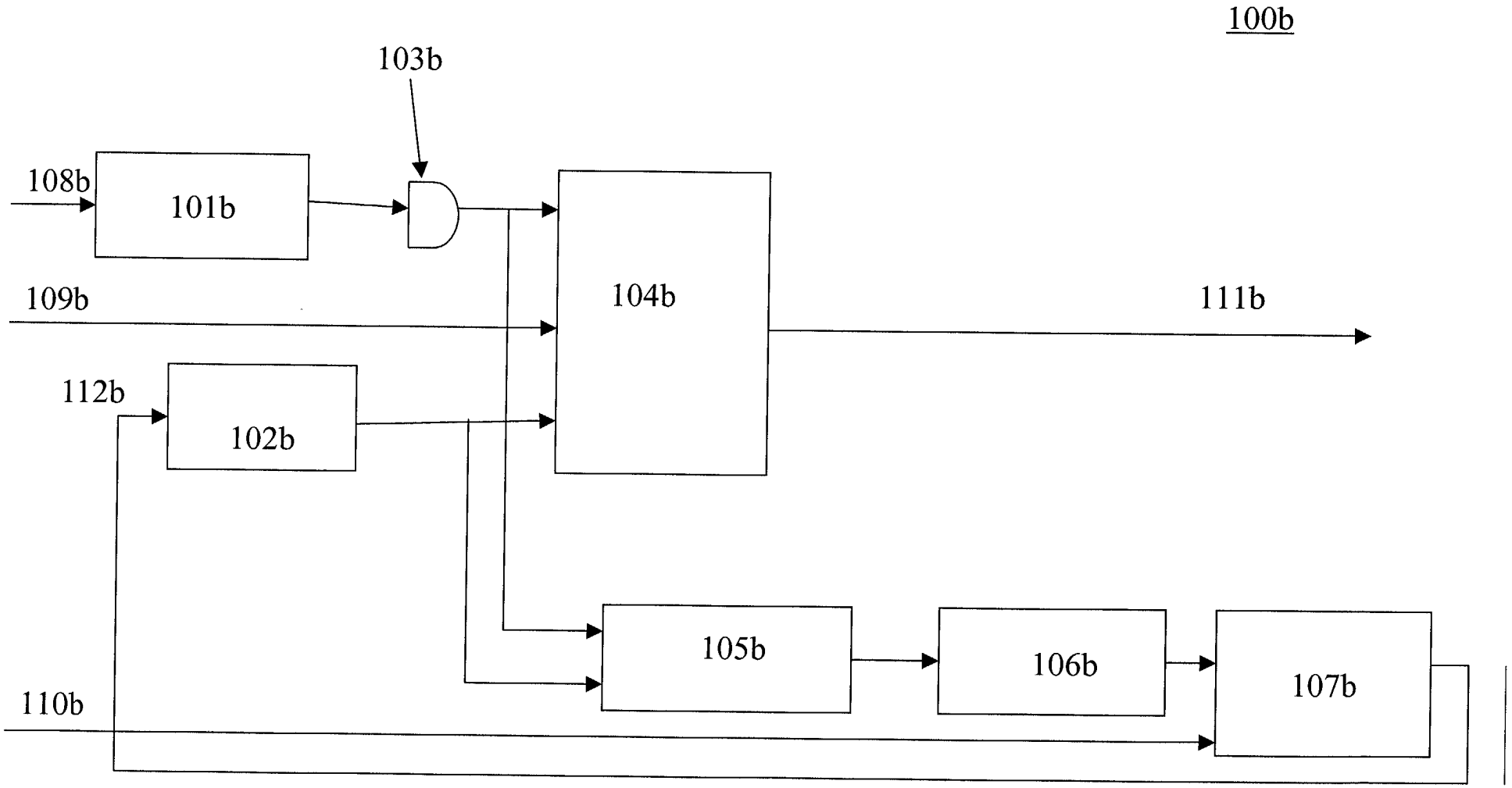
700
600
500
400
300
200
100
101a
104a
105a
30
60
90
120
150
180
210
240
270
300
330
102a

Fig1b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108b
101b
109b
104b
111b
112b
102b
105b
106b
107b
110b

Fig1c

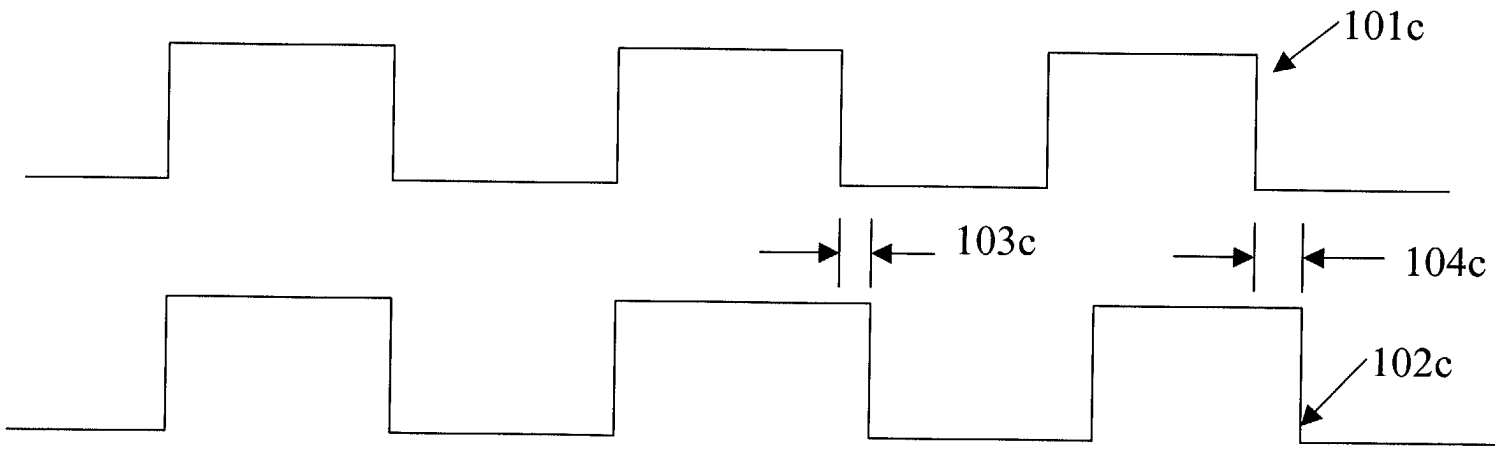
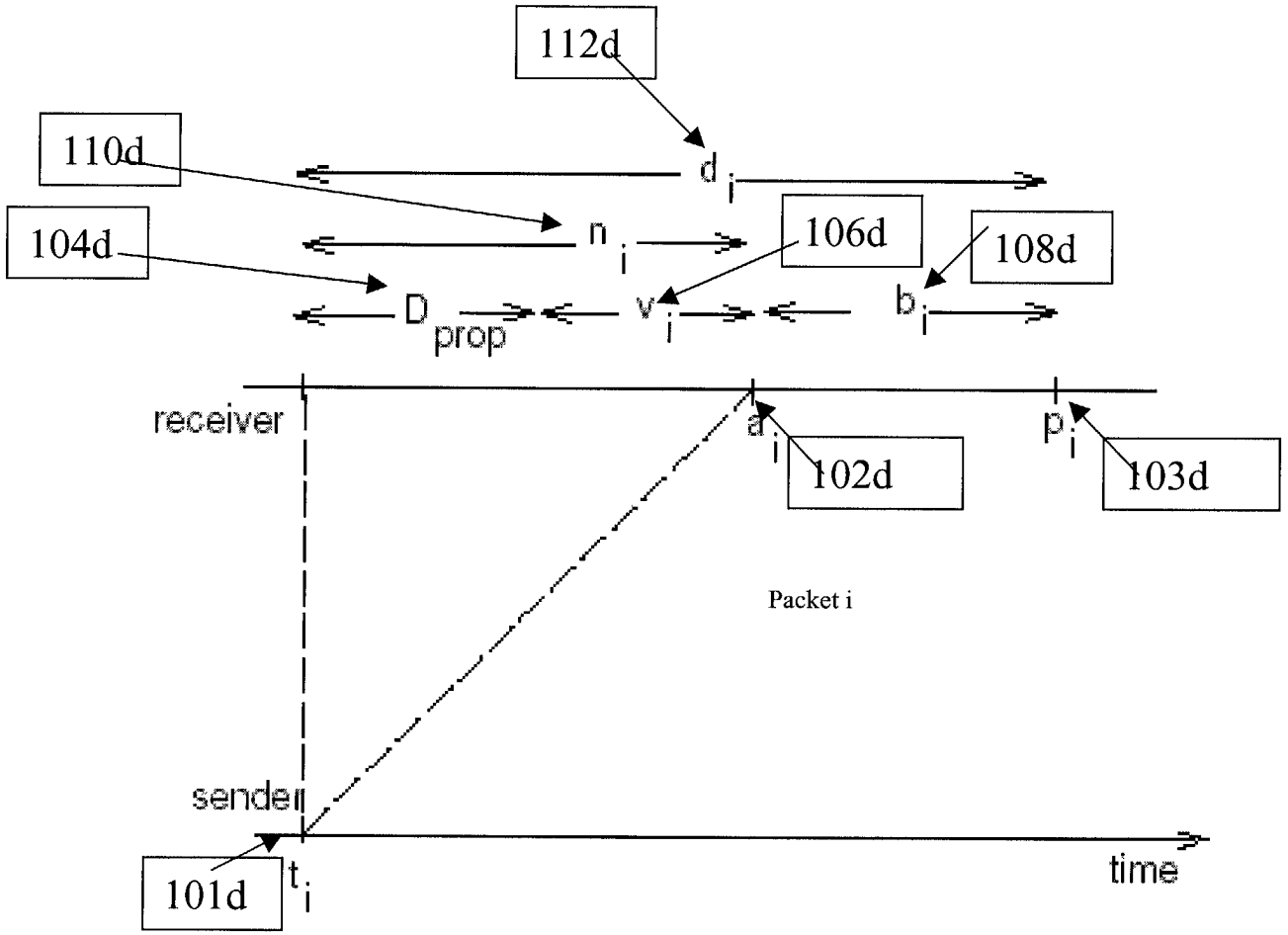
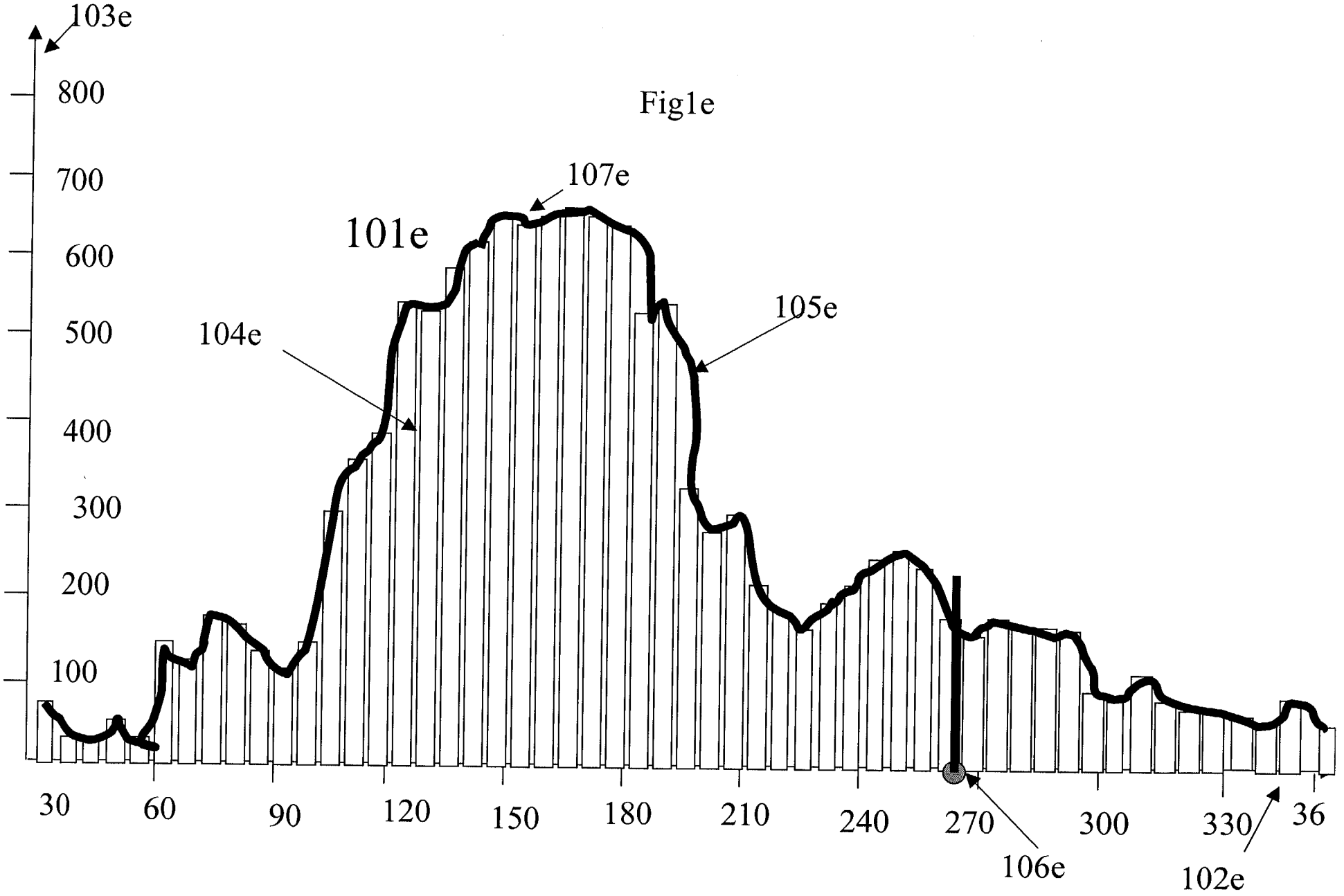


Fig1d


112d
110d
d i
104d
n i
106d
108d
D prop
v i
b i
receiver
a i
p i
102d
103d
Packet i
sender
101d
t i
time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700
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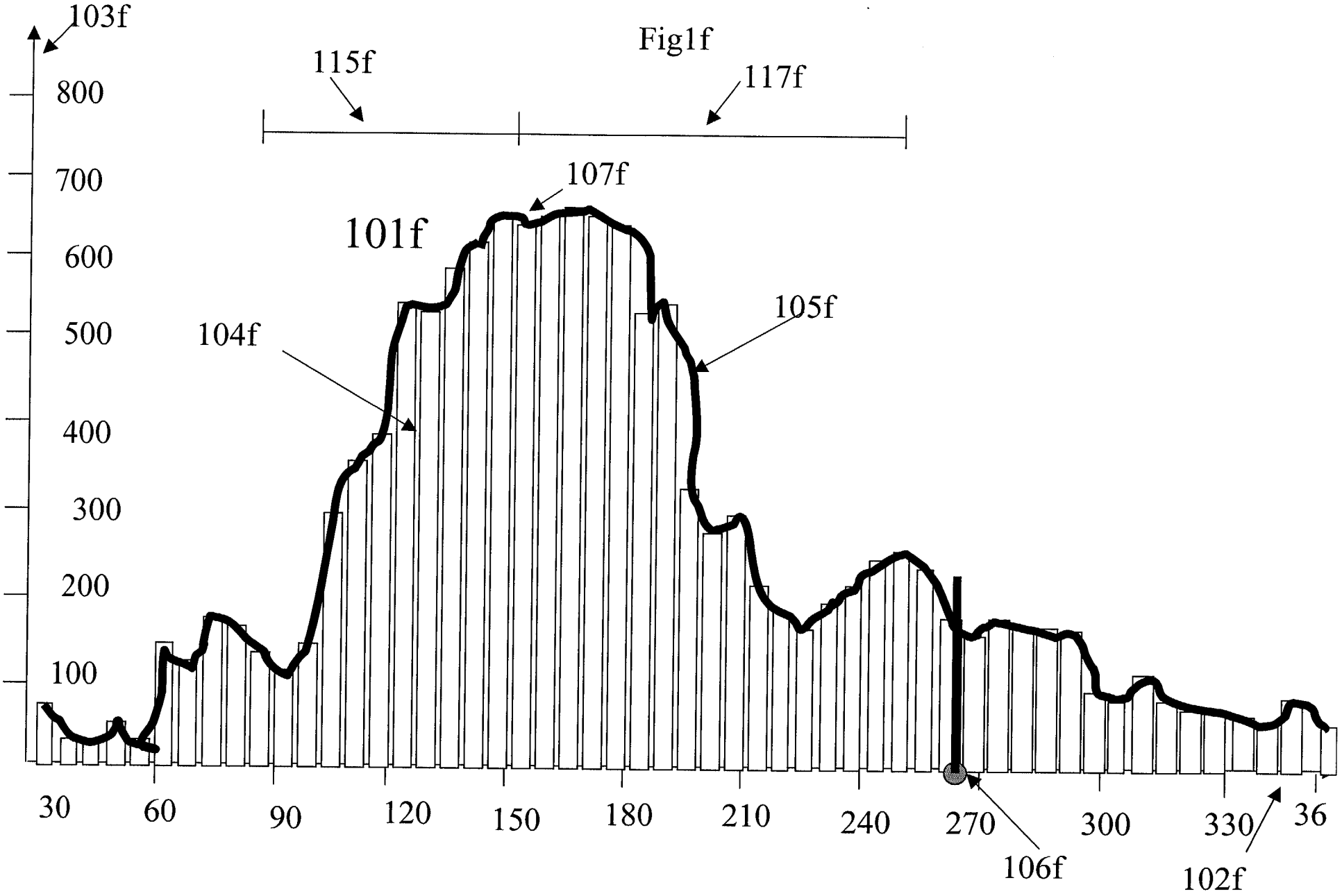
500
400
300
200
100
101e
107e
104e
105e
30
60
90
120
150
180
210
240
270
300
330
36
106e
102e

Fig1e

Fig1f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115f
117f
800
700
600
500
400
300
200
100
107f
101f
104f
105f
30
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90
120
150
180
210
240
270
300
330
36
106f
102f

Fig1g

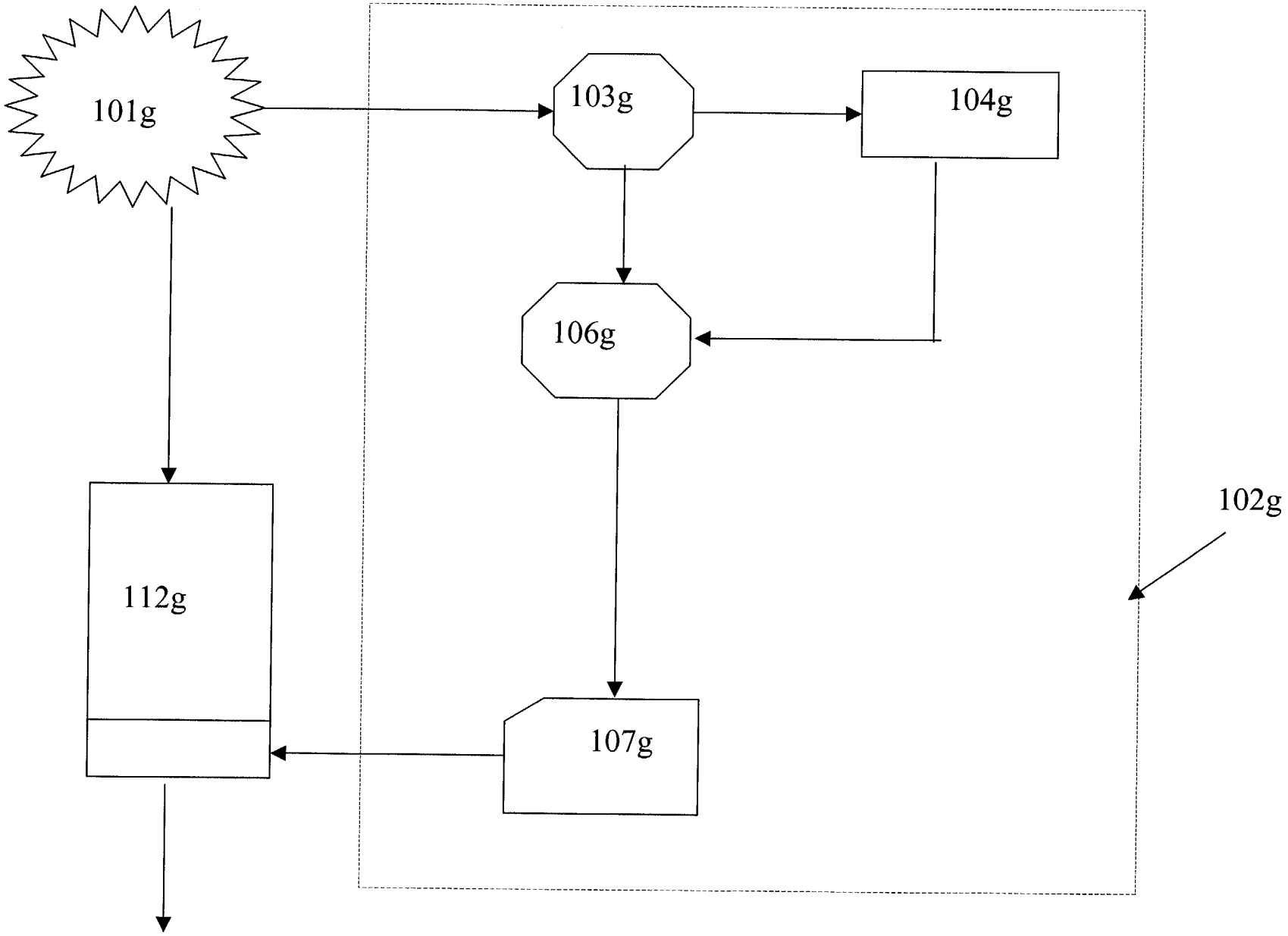
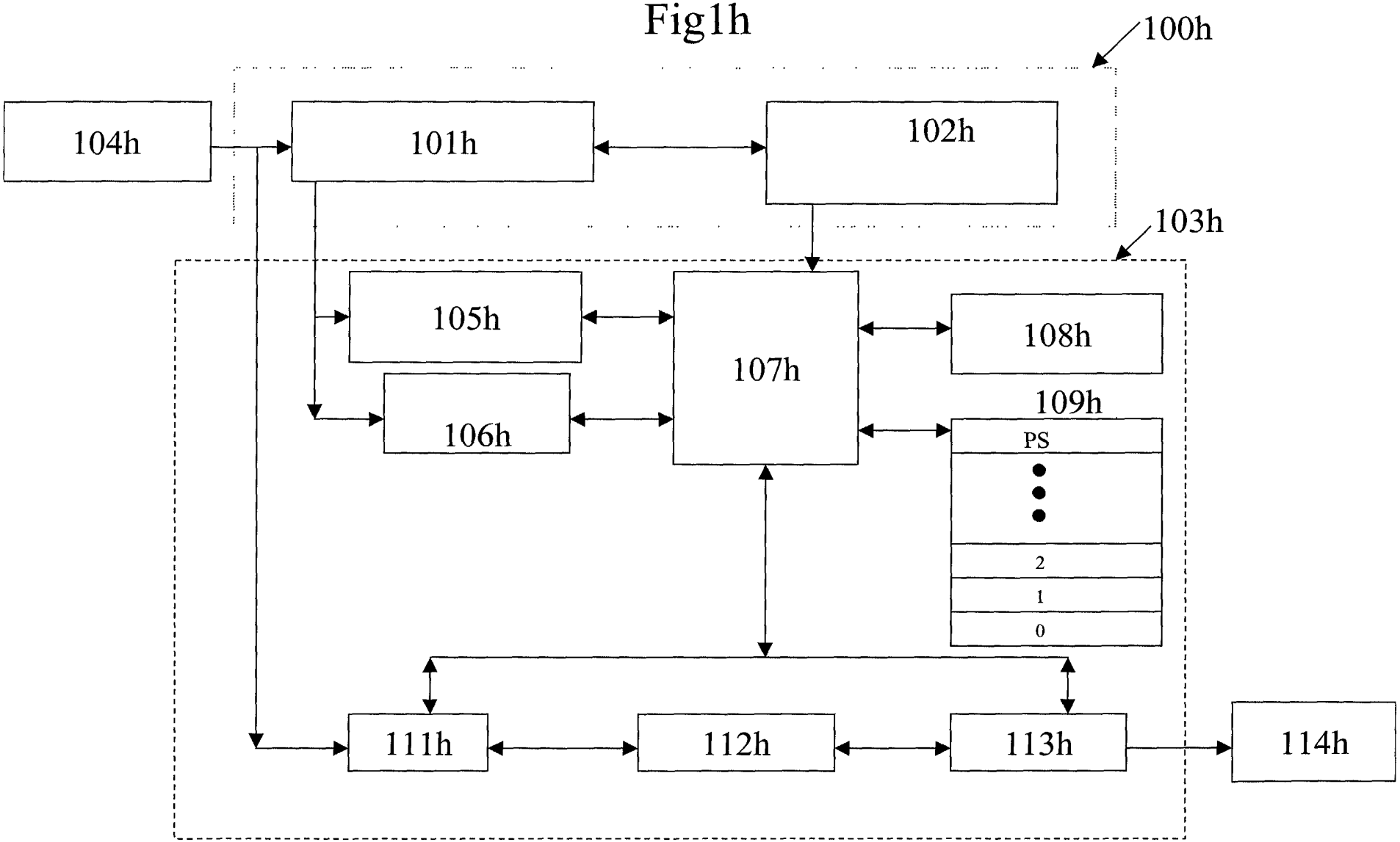


Fig1h


100h
104h
101h
102h
103h
105h
107h
108h
106h
109h
PS
2
1
0
111h
112h
113h
114h

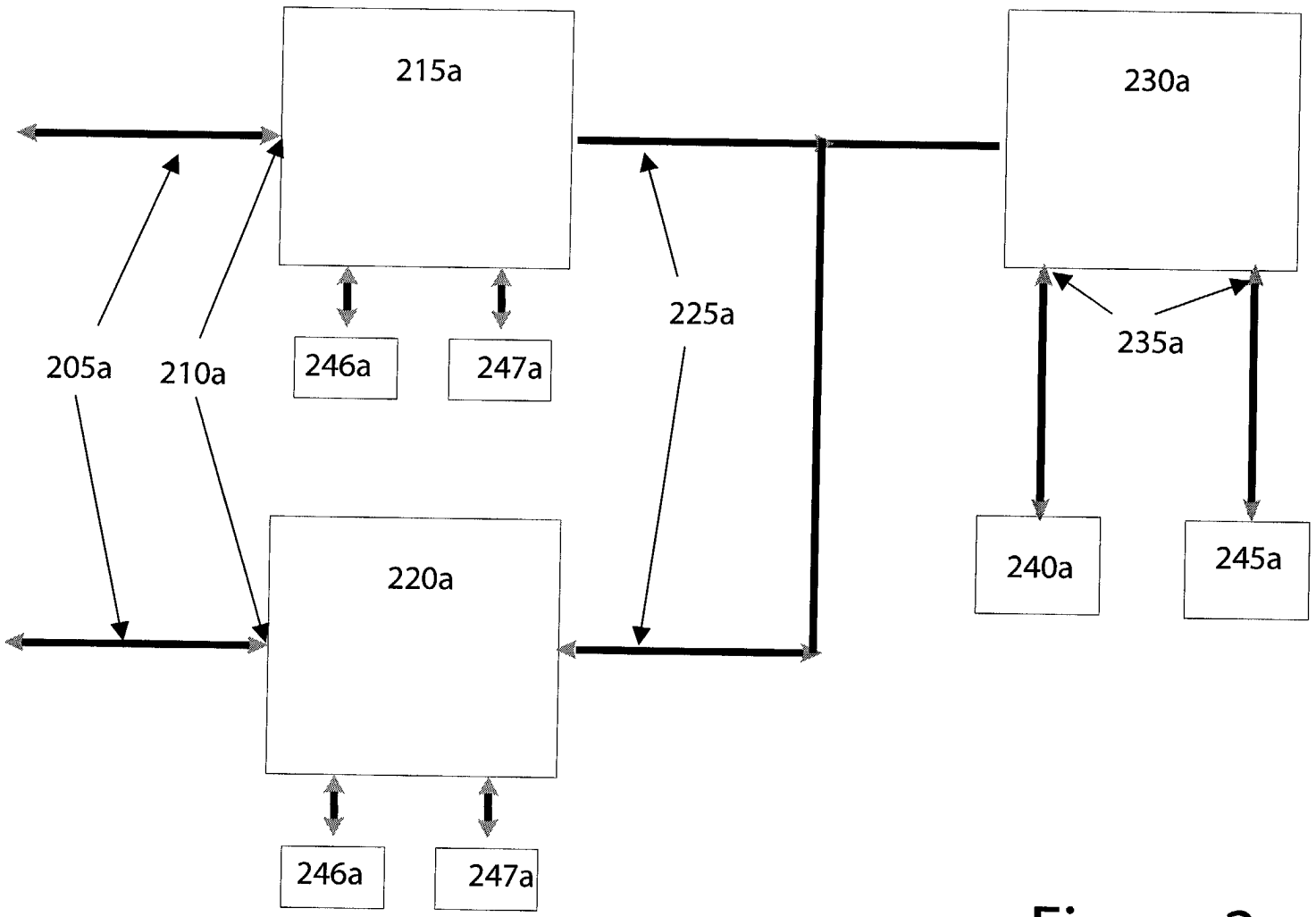

215a
230a
205a
210a
246a
247a
225a
235a
220a
240a
245a
246a
247a

Figure 2a

Figure 2b

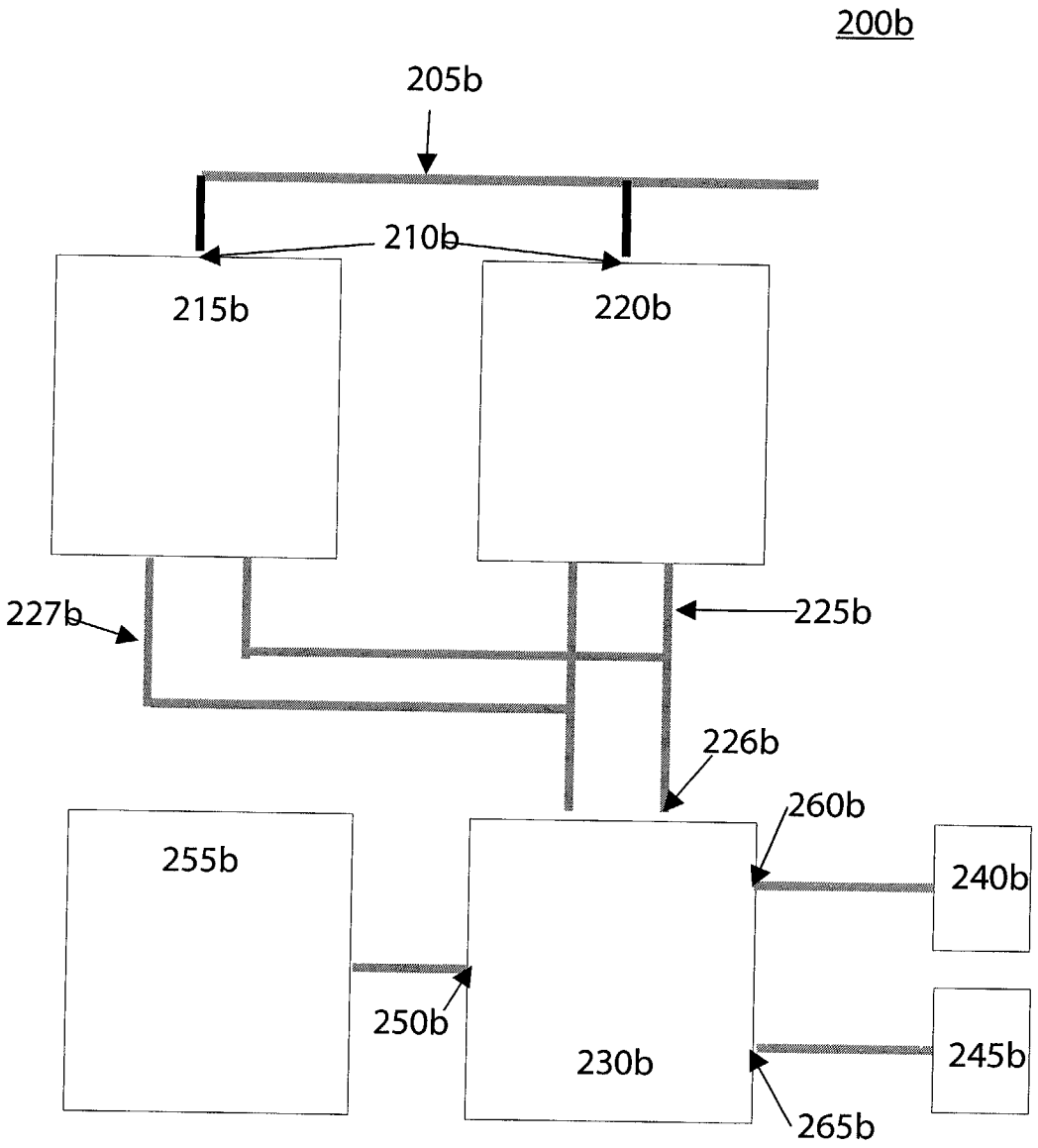

200b
205b
210b
215b
220b
227b
225b
226b
260b
255b
240b
250b
230b
245b
265b

Figure 3

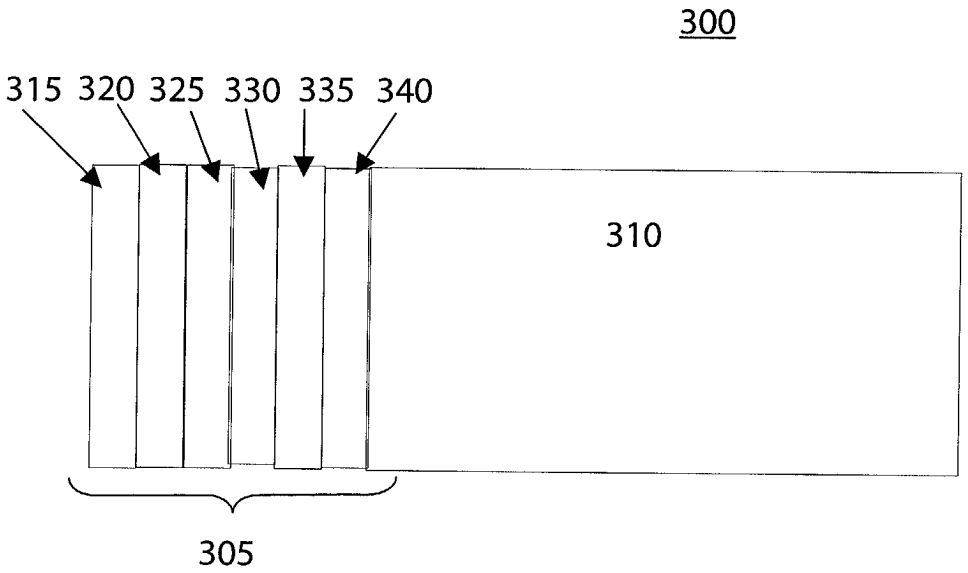


Figure 4

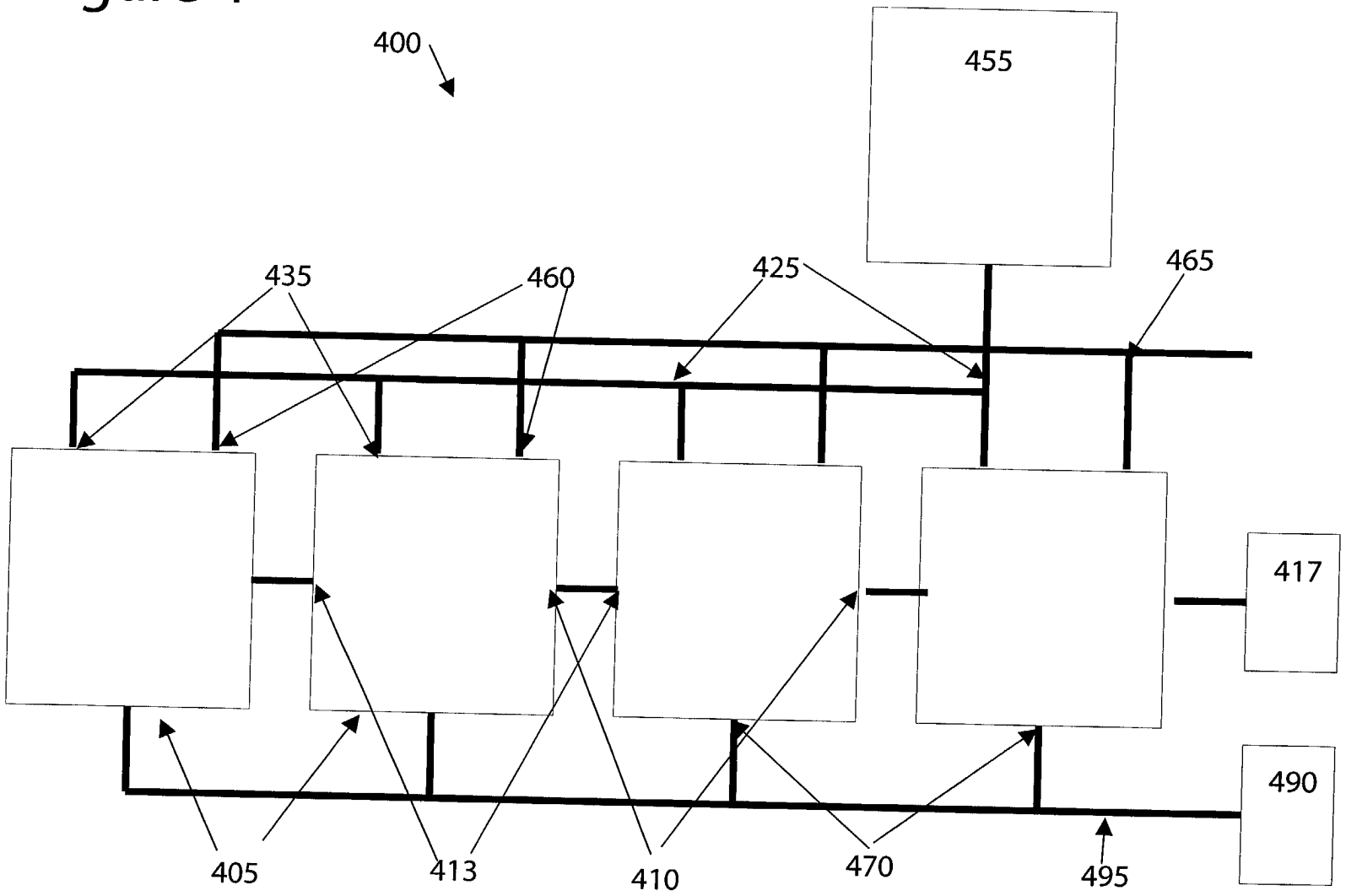


Figure 5

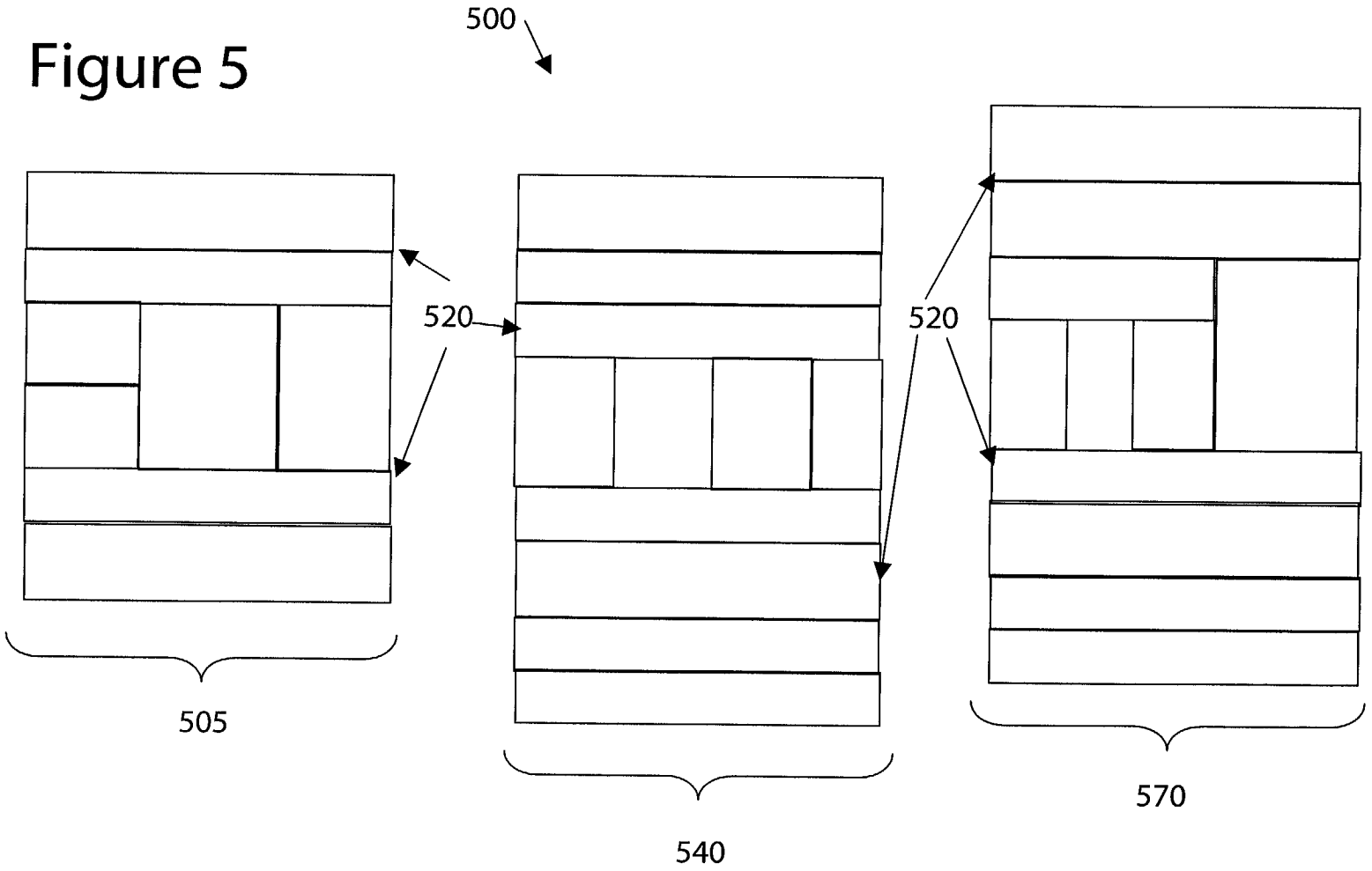


Figure 6

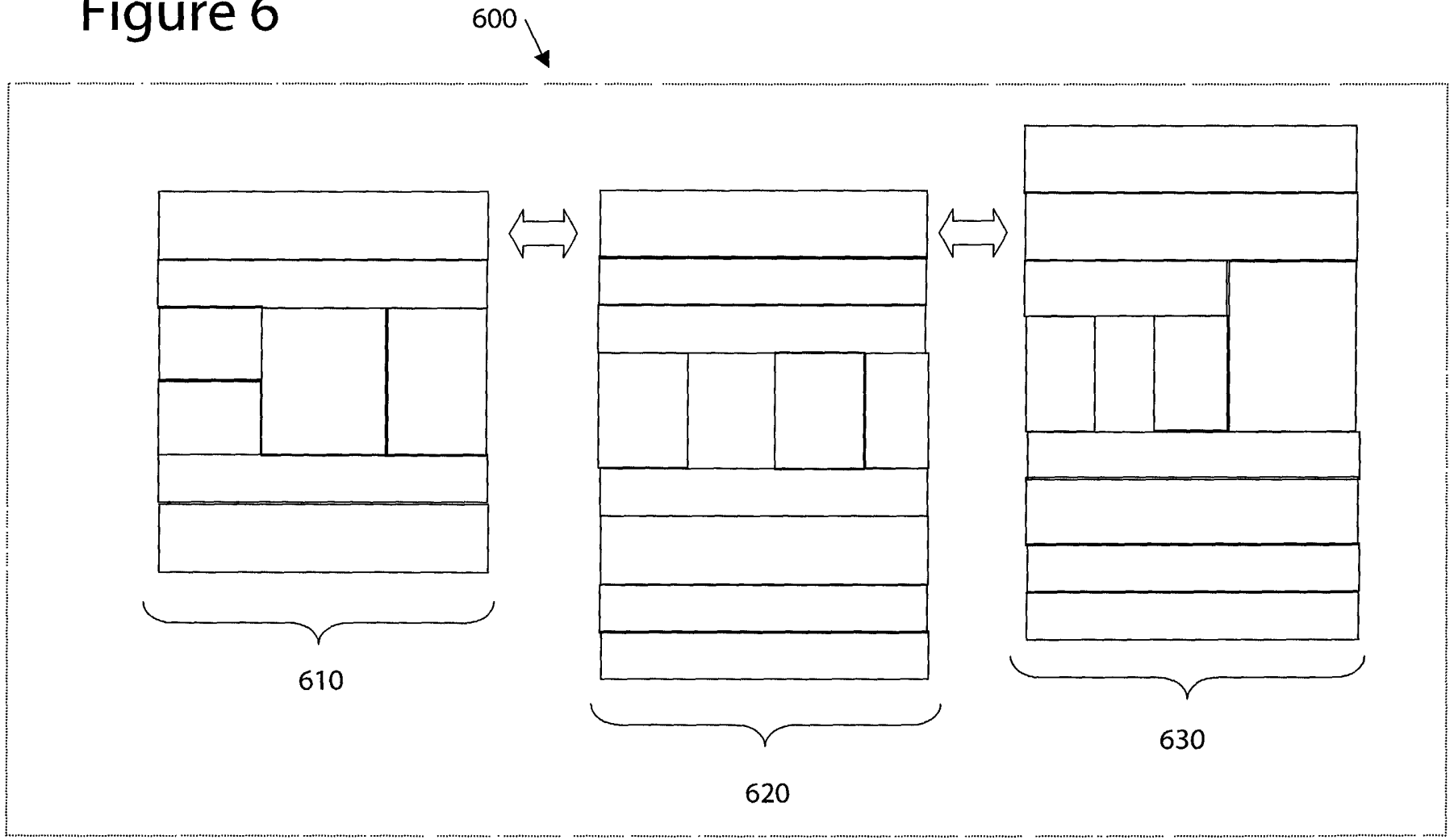


Figure 7

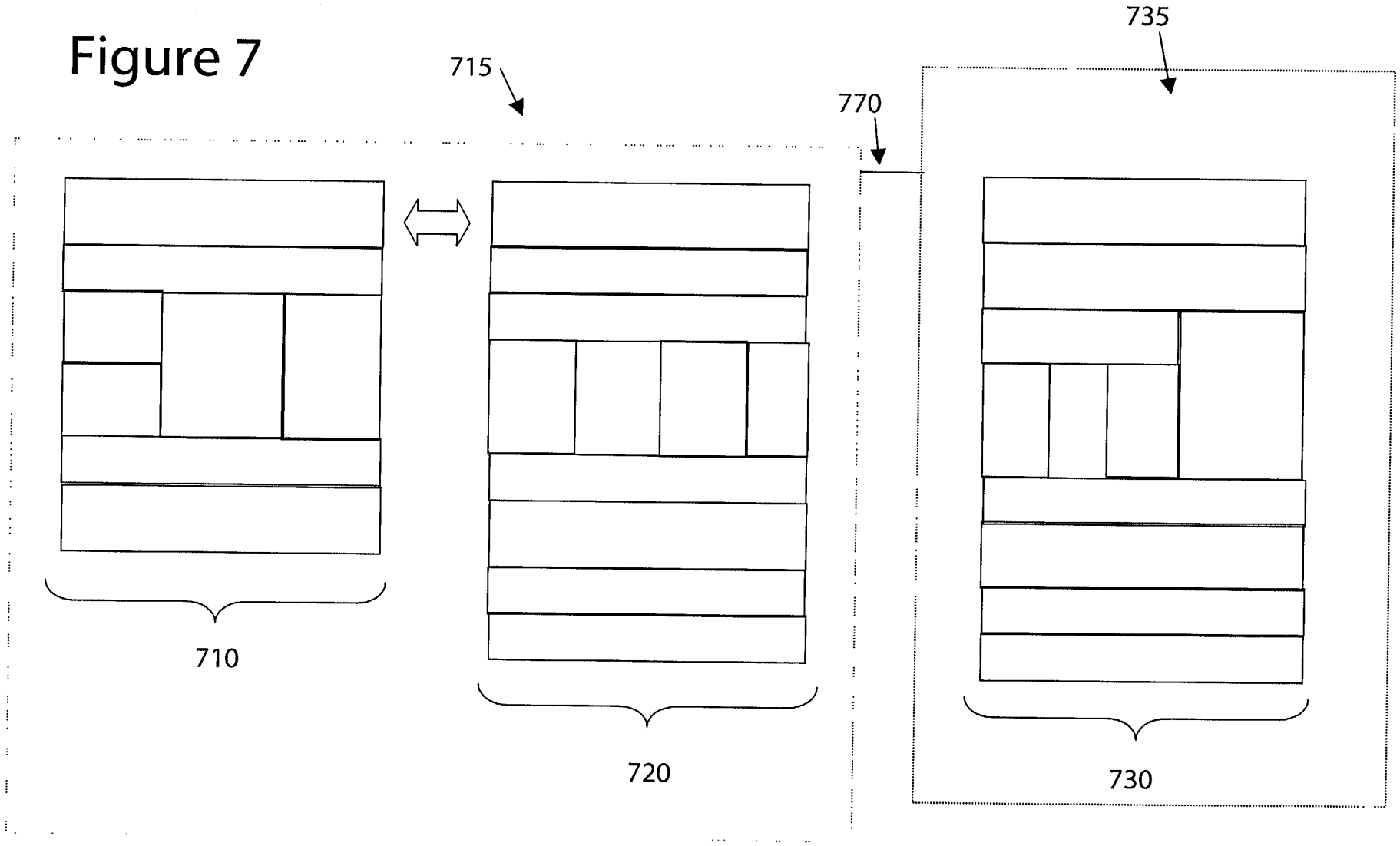


Figure 8

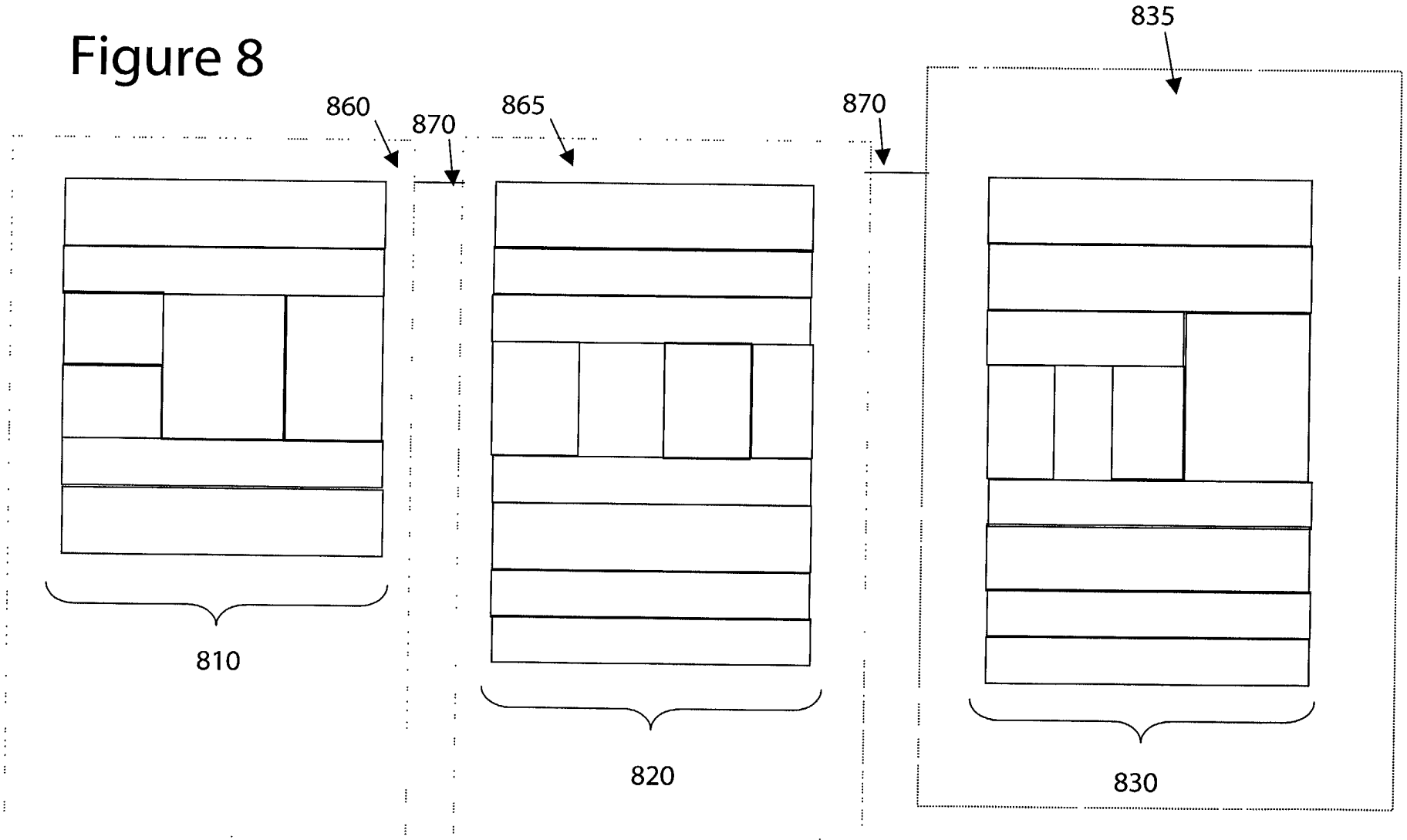
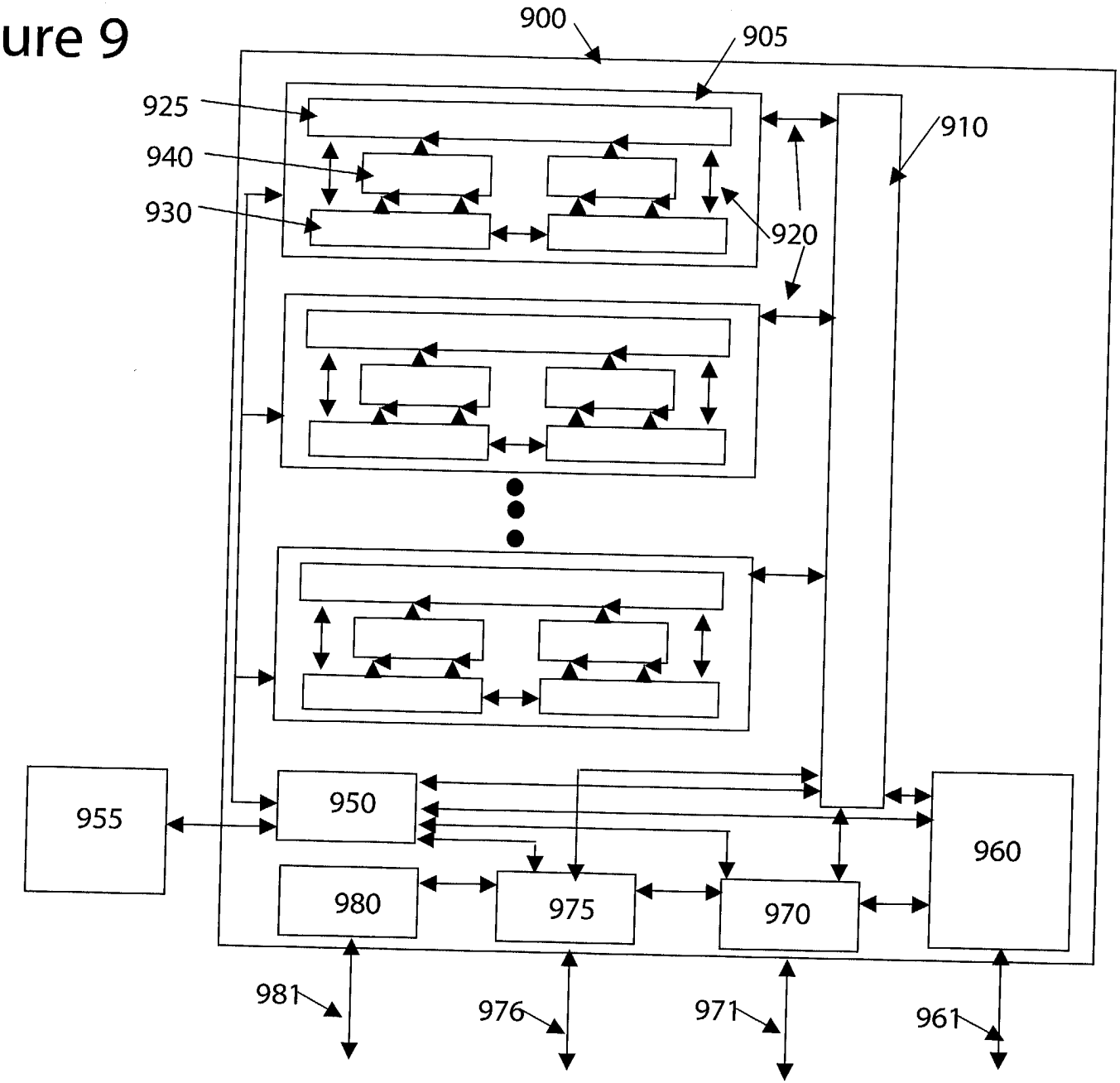


Figure 9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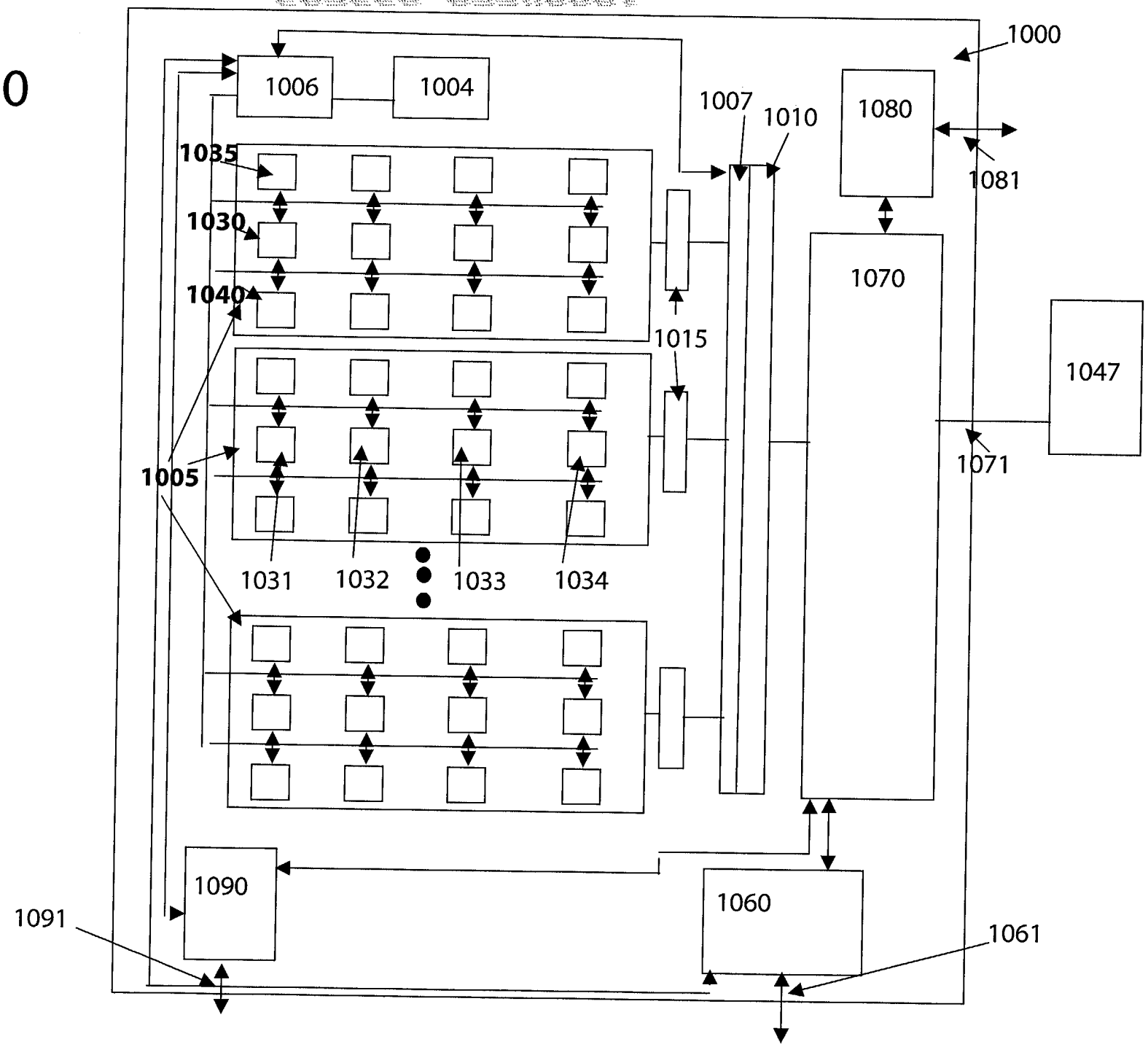
920
955
950
960
980
975
970
981
976
971
961

Figure 10


1000
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1010
1080
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1005
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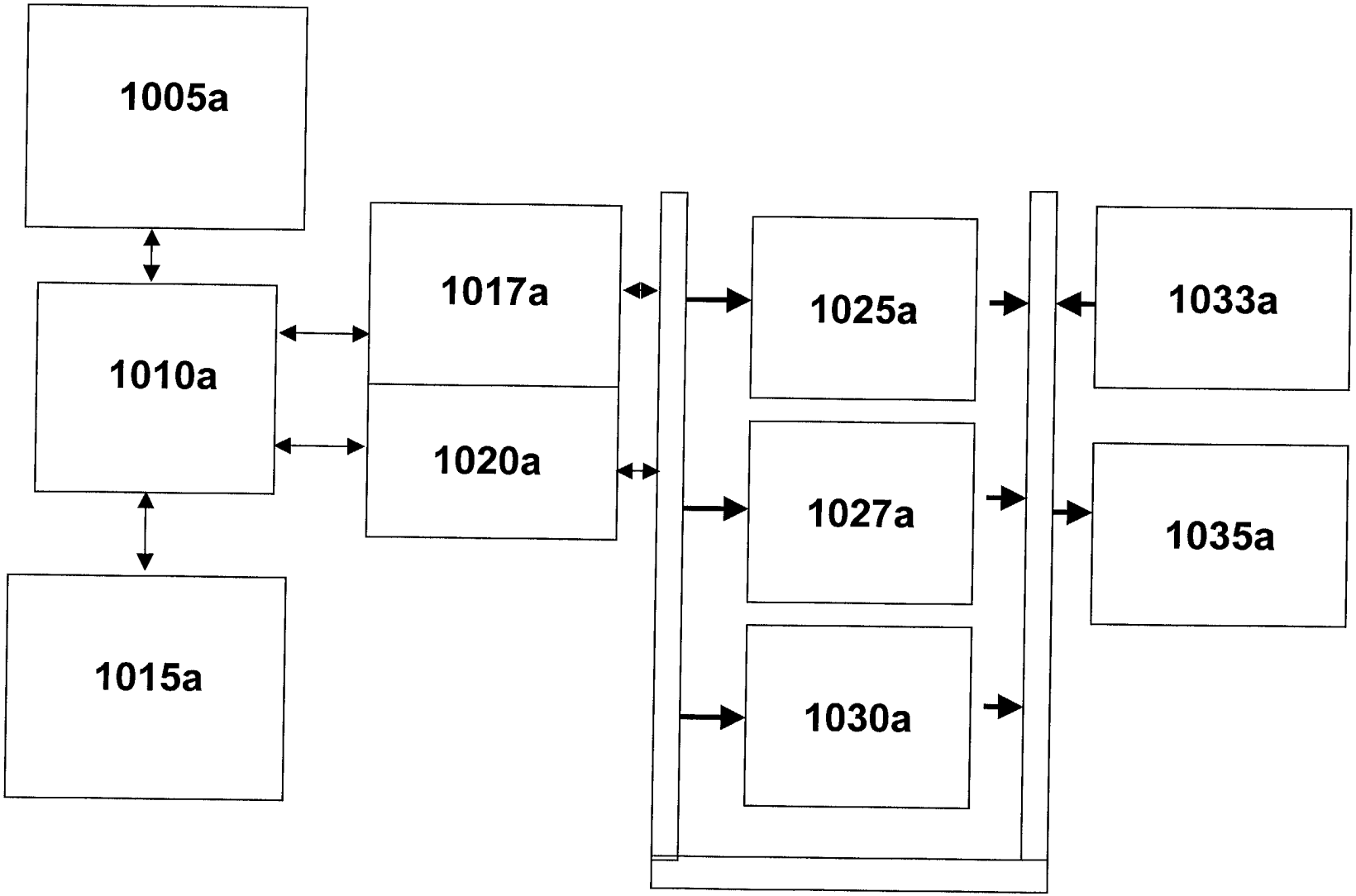
1091
1060
1061

Figure 10a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1017a
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1025a
1027a
1030a
1033a
1035a

Figure 11

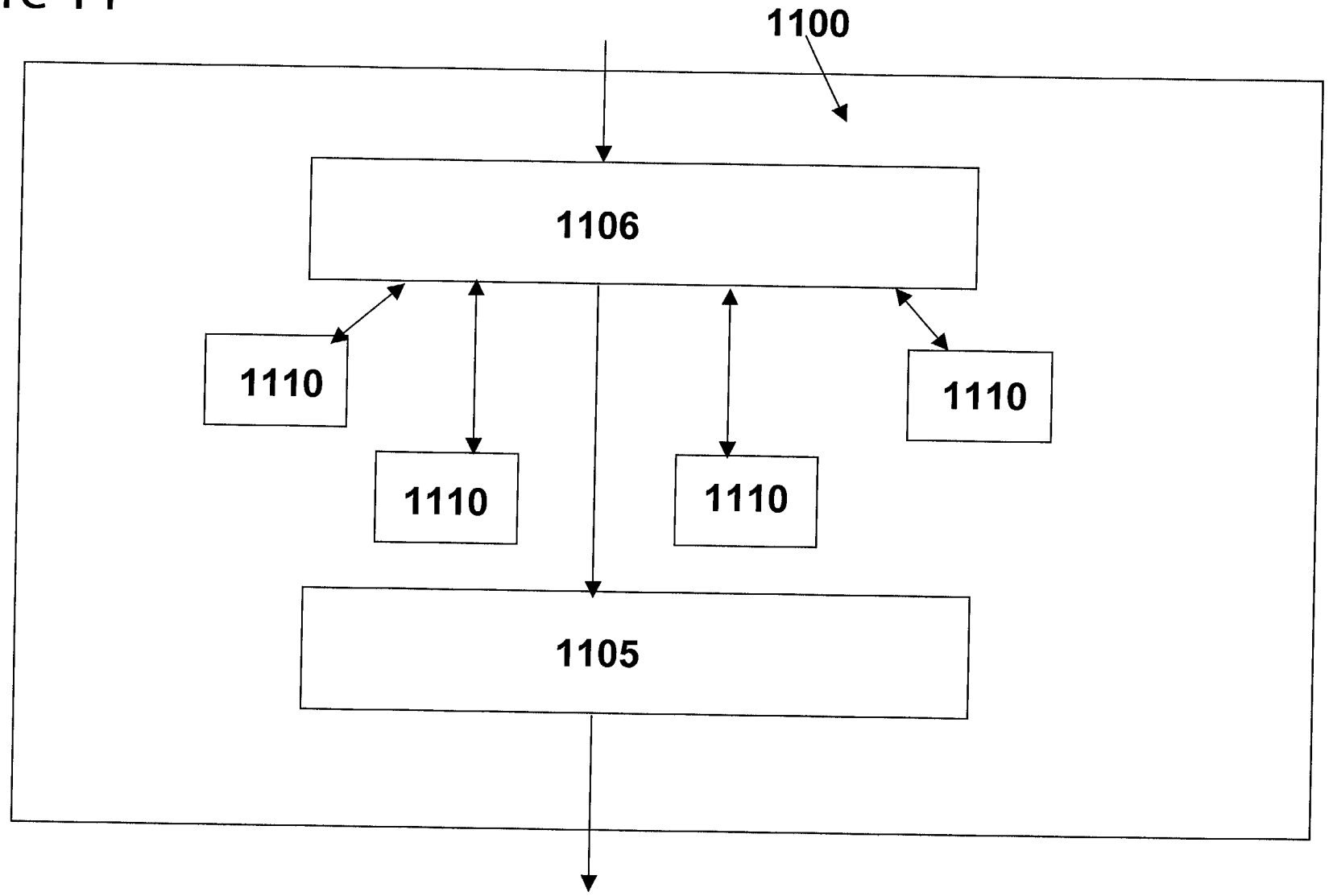


Figure 12

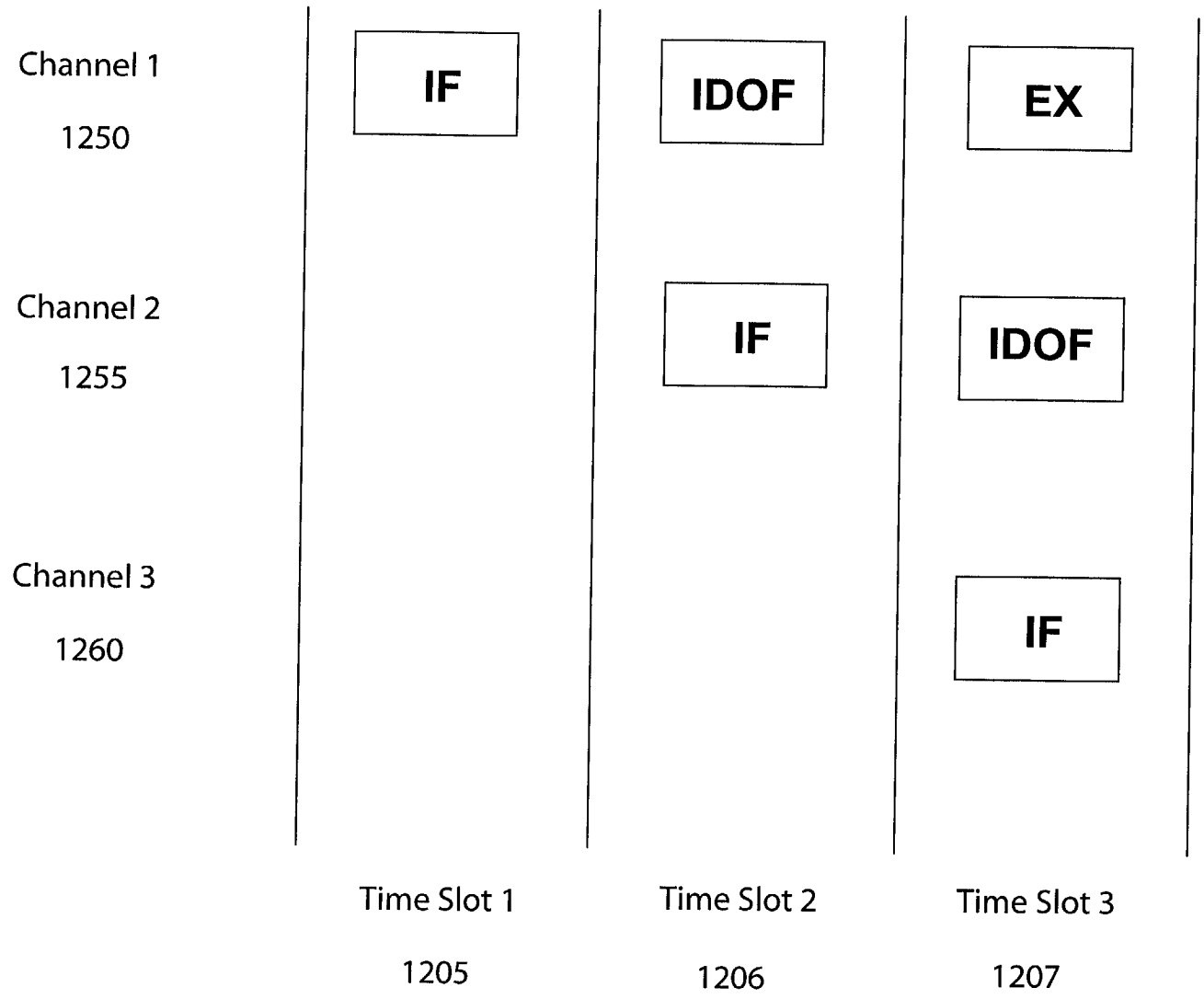

Channel 1
1250
Channel 2
1255
Channel 3
1260
IF
IDOF
EX
IF
IDOF
IF
Time Slot 1
1205
Time Slot 2
1206
Time Slot 3
1207

Figure 13

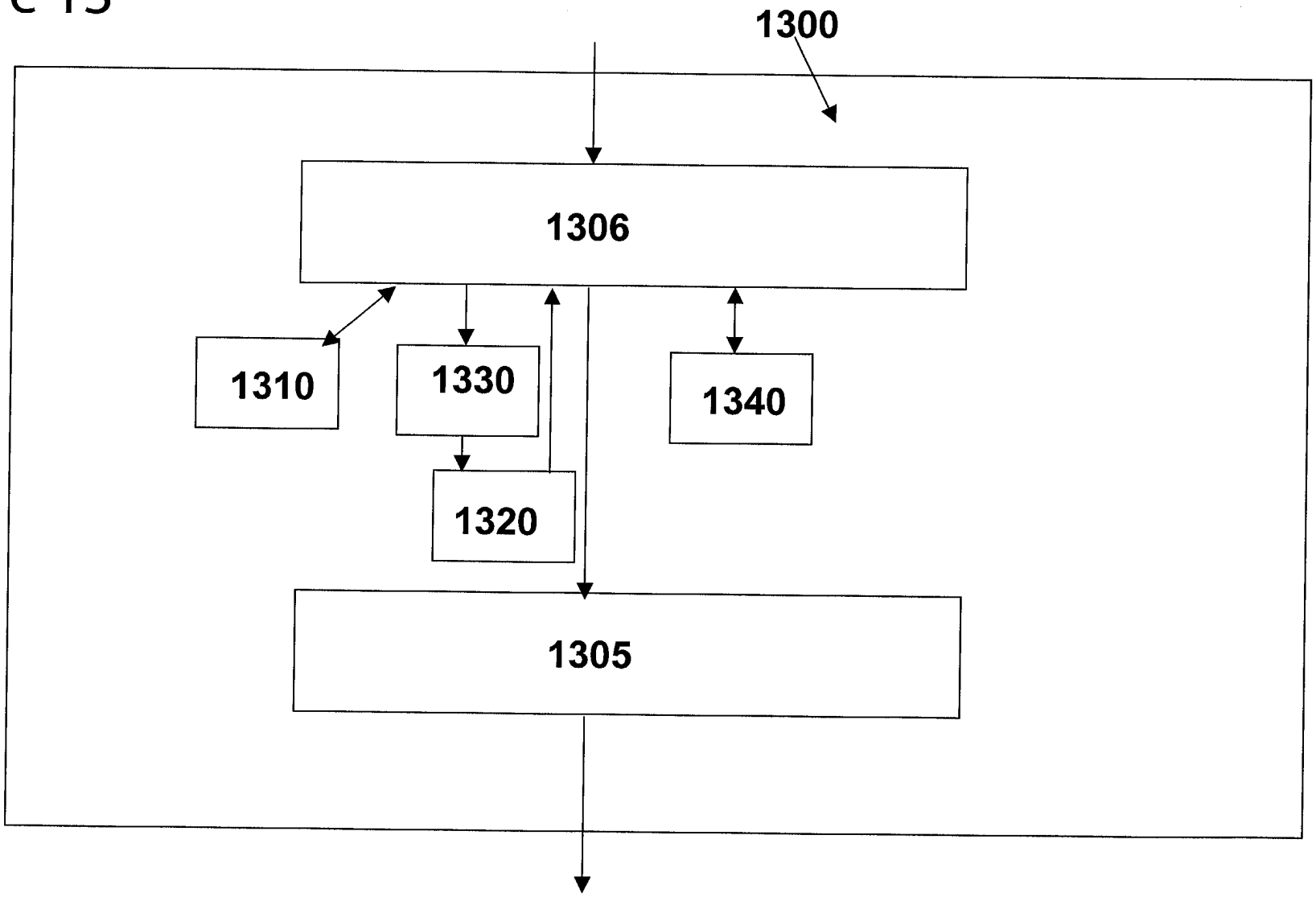
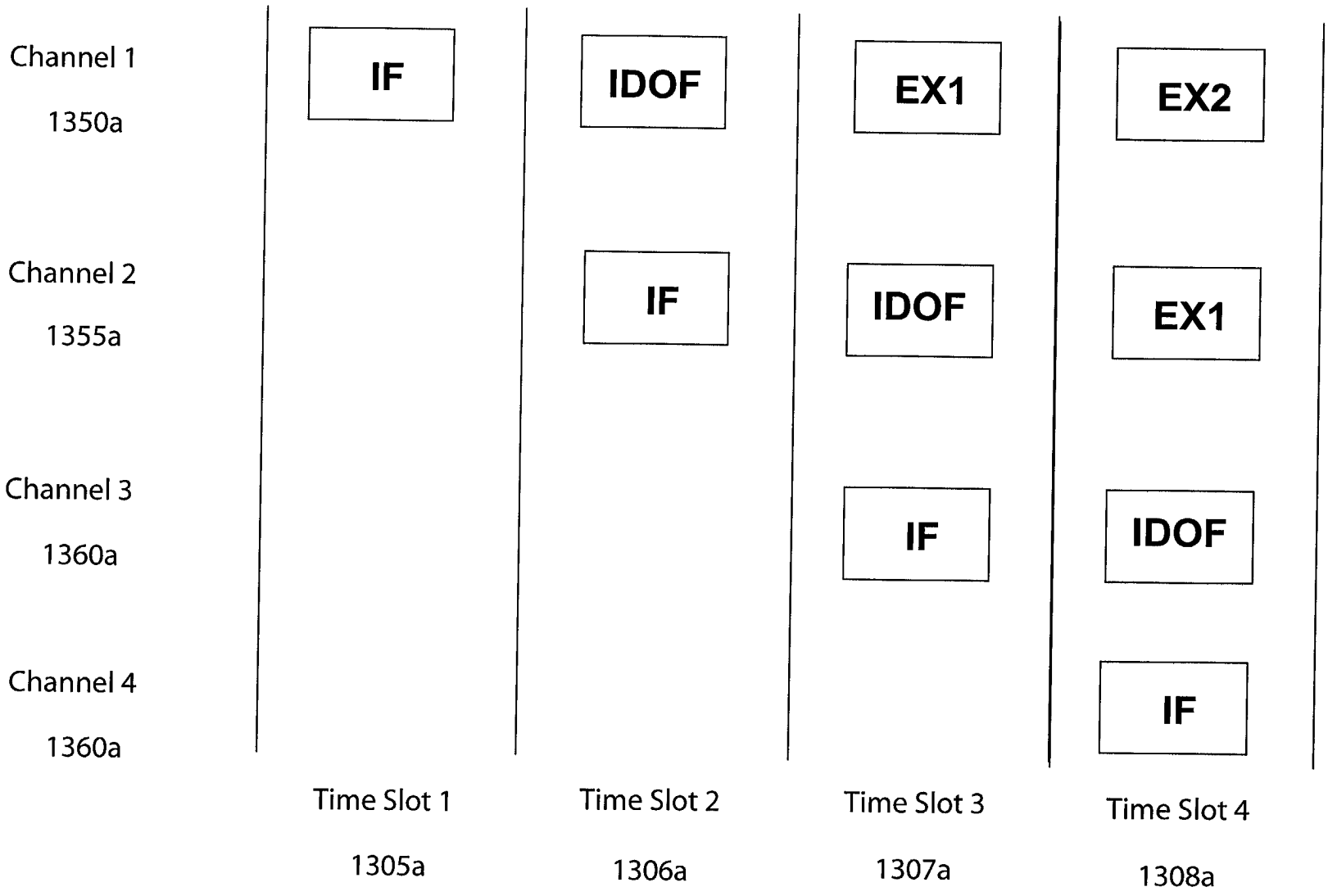


Figure 13a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Channel 2
1355a
Channel 3
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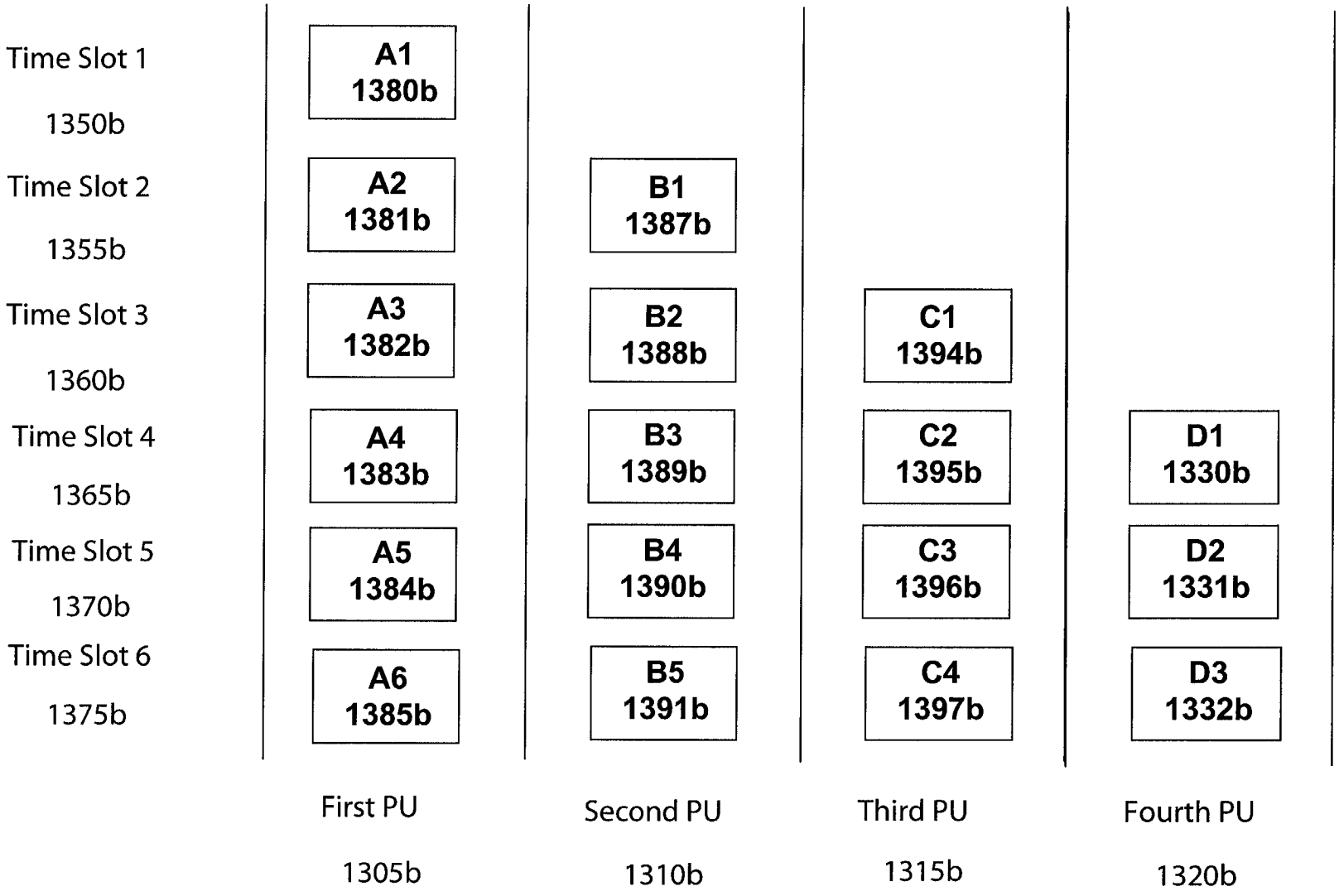
Channel 4
1360a
IF
IDOF
EX1
EX2
IF
IDOF
EX1
IF
IDOF
IF
Time Slot 1
1305a
Time Slot 2
1306a
Time Slot 3
1307a
Time Slot 4
1308a

Figure 13b


Time Slot 1
1350b
Time Slot 2
1355b
Time Slot 3
1360b
Time Slot 4
1365b
Time Slot 5
1370b
Time Slot 6
1375b
A1 1380b
A2 1381b
A3 1382b
A4 1383b
A5 1384b
A6 1385b
B1 1387b
B2 1388b
B3 1389b
B4 1390b
B5 1391b
C1 1394b
C2 1395b
C3 1396b
C4 1397b
D1 1330b
D2 1331b
D3 1332b
First PU
1305b
Second PU
1310b
Third PU
1315b
Fourth PU
1320b

20020° 655,800

Figure 14

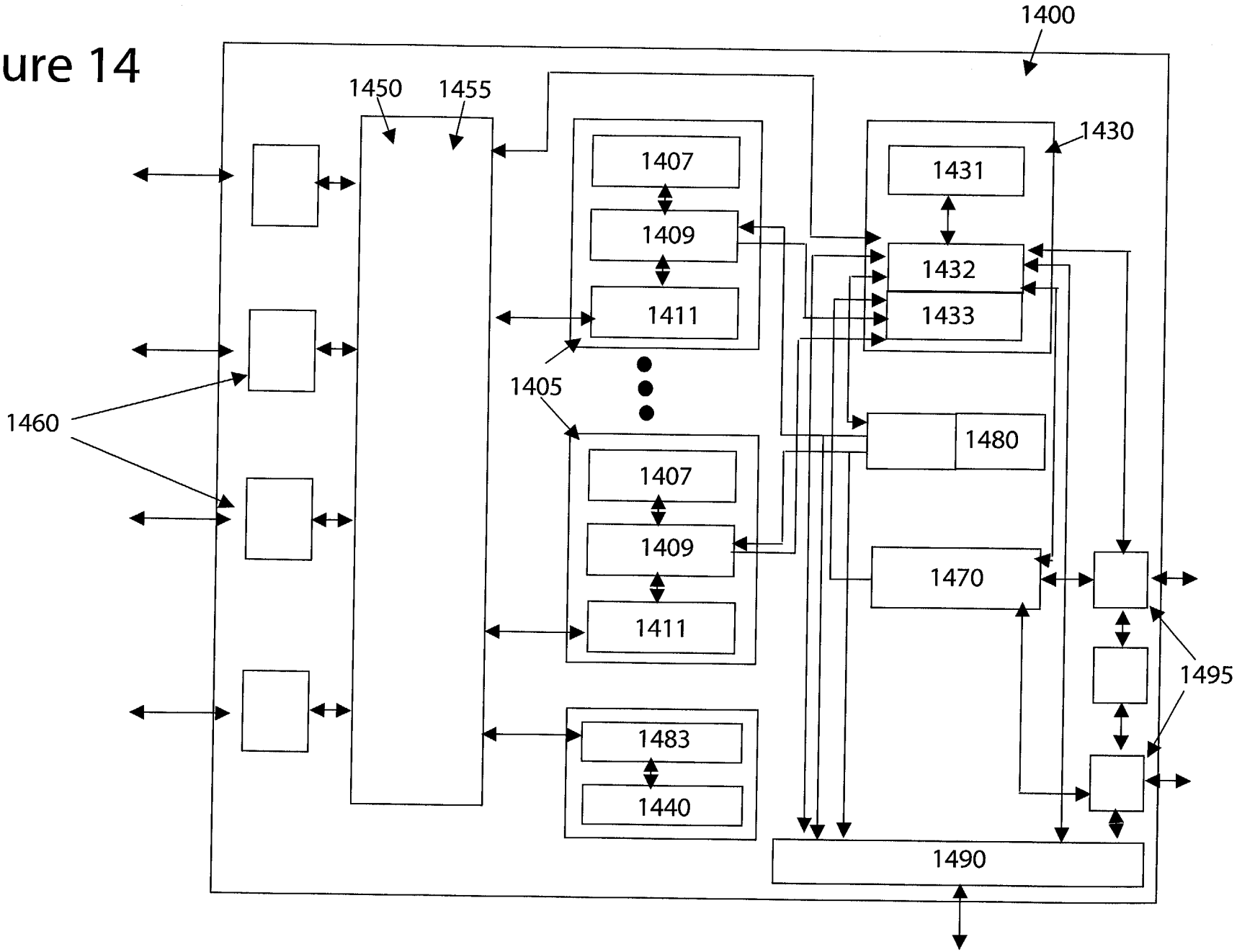
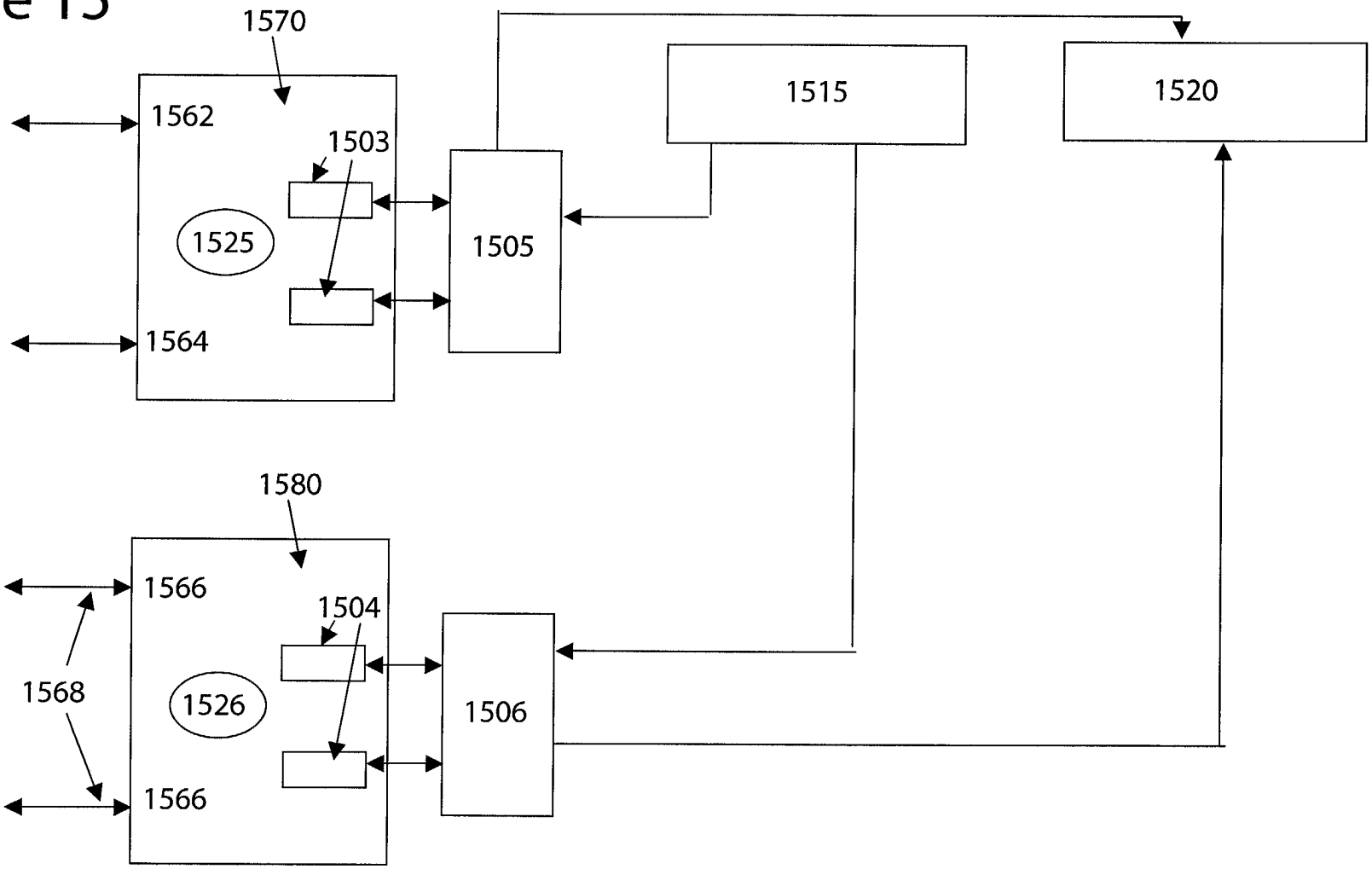


Figure 15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1568
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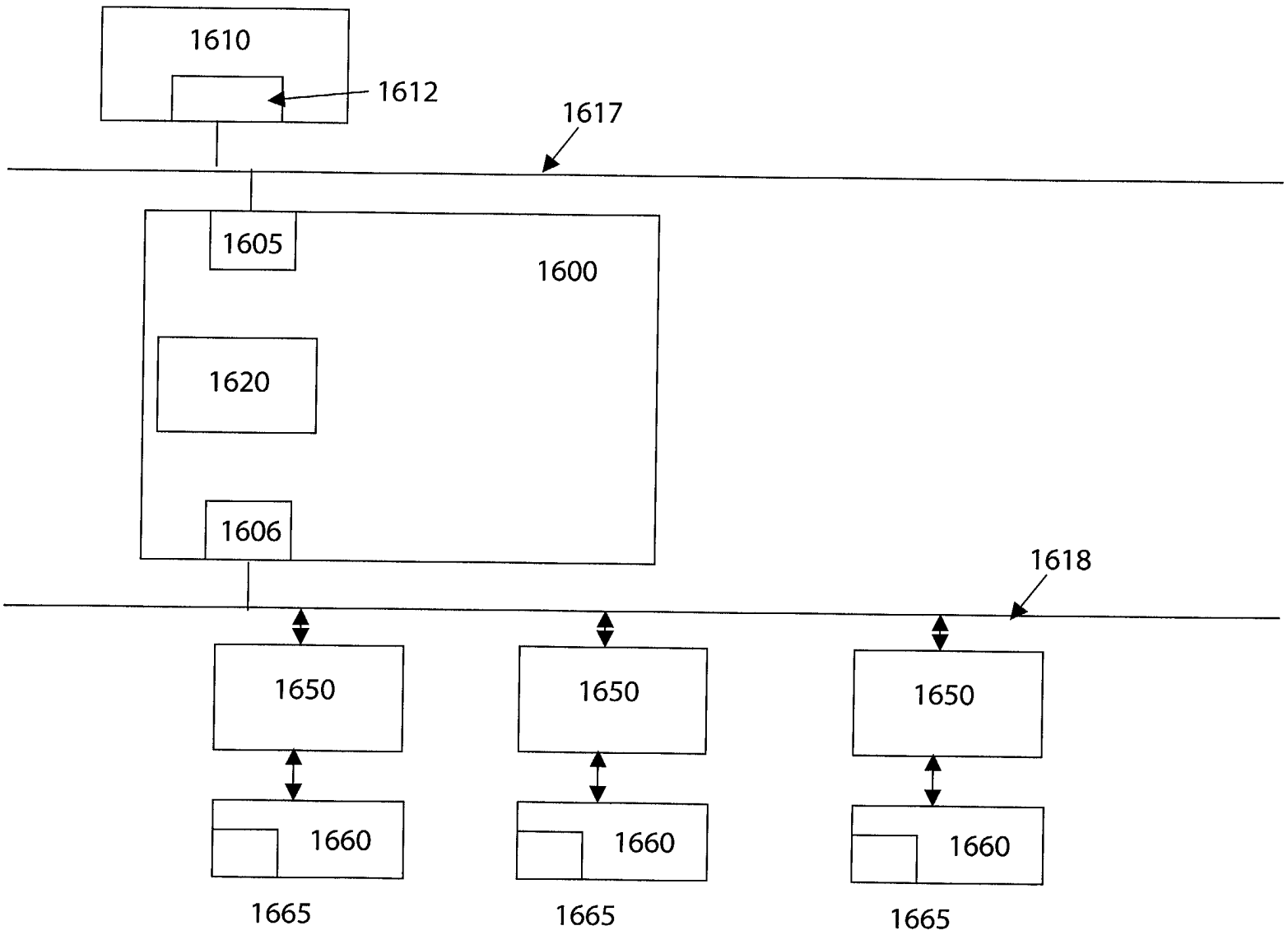
1566
1506

Figure 16


1610
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1665
1665
1665

Figure 17

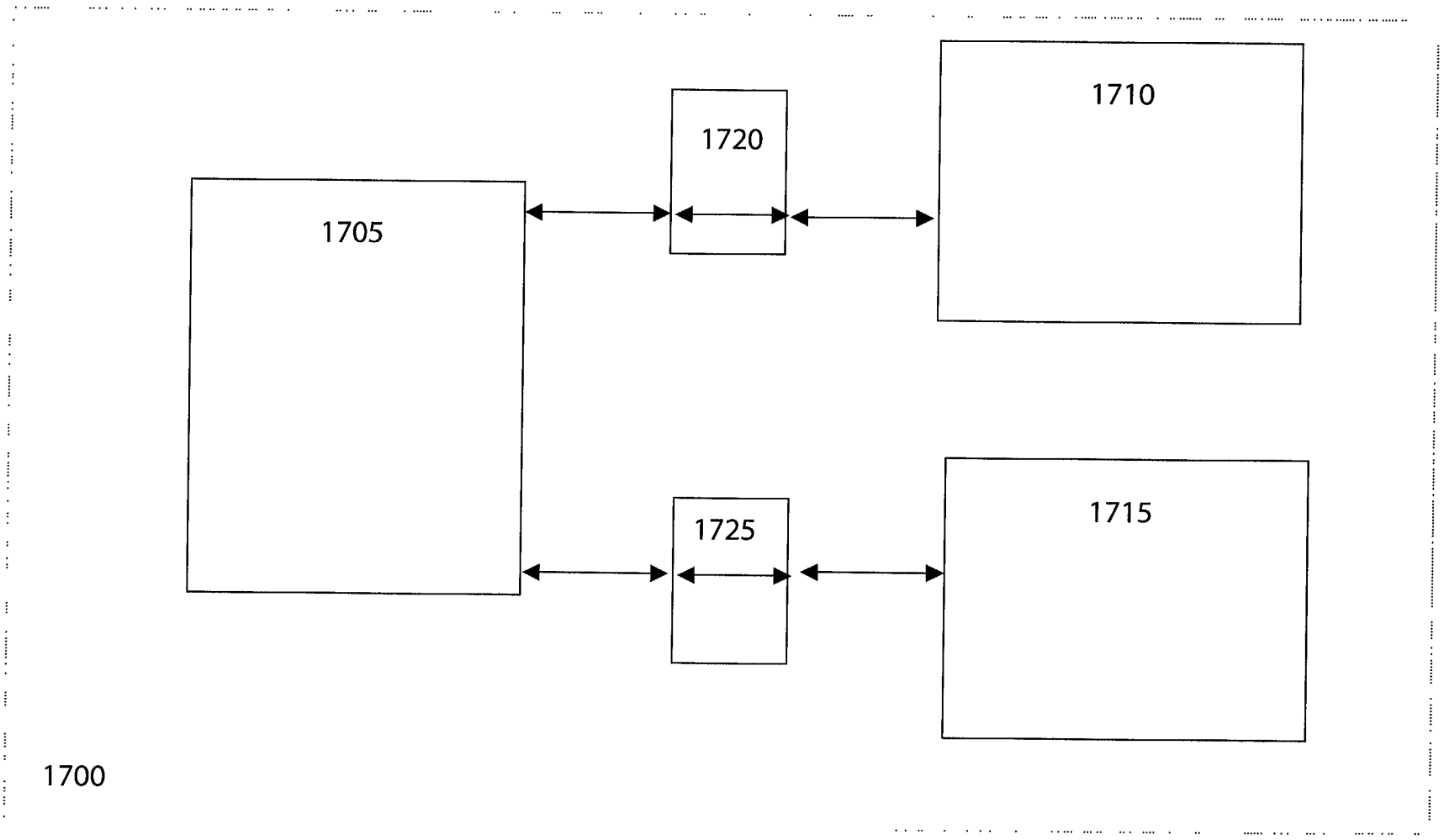
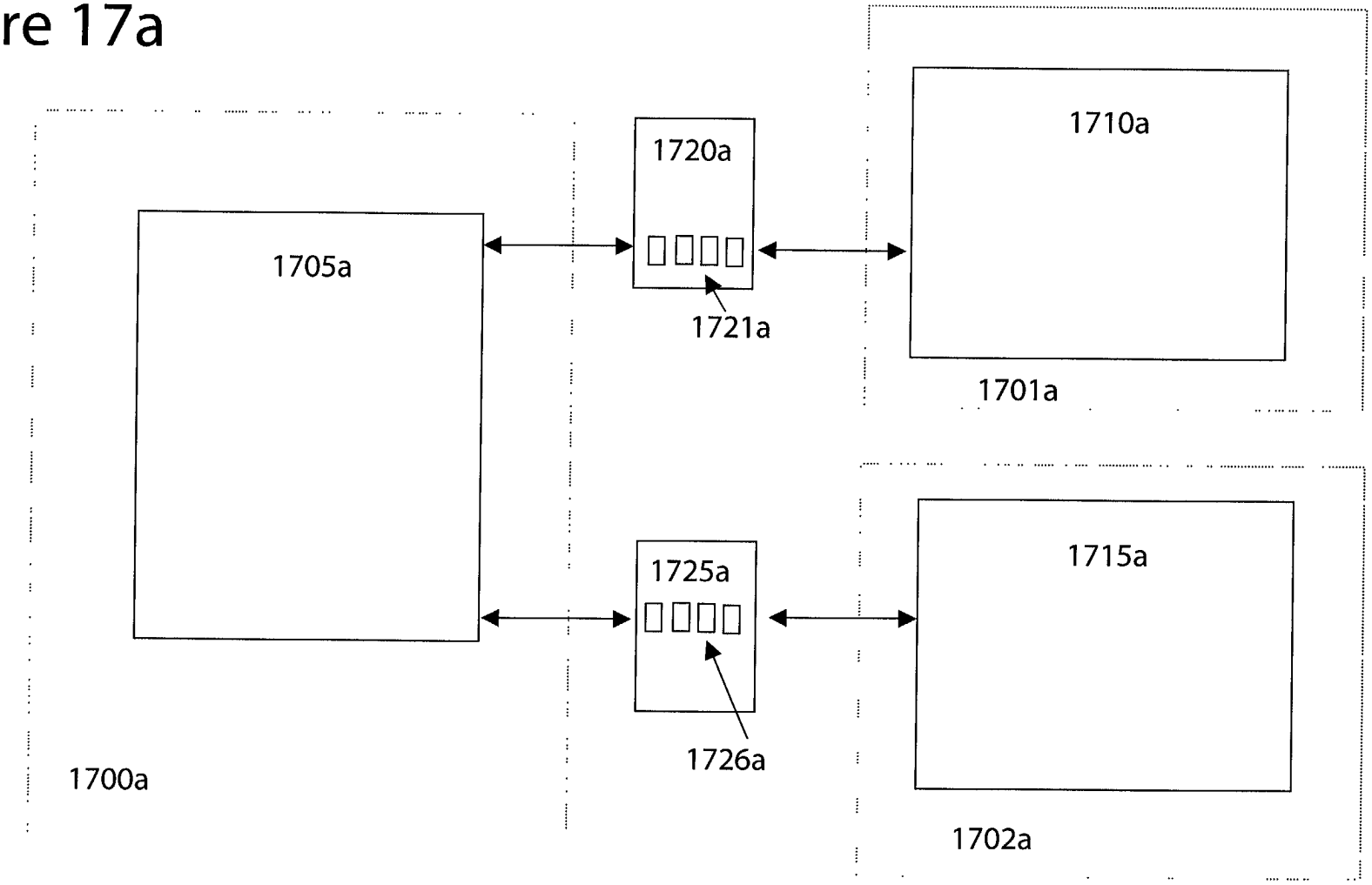


Figure 17a


1710a
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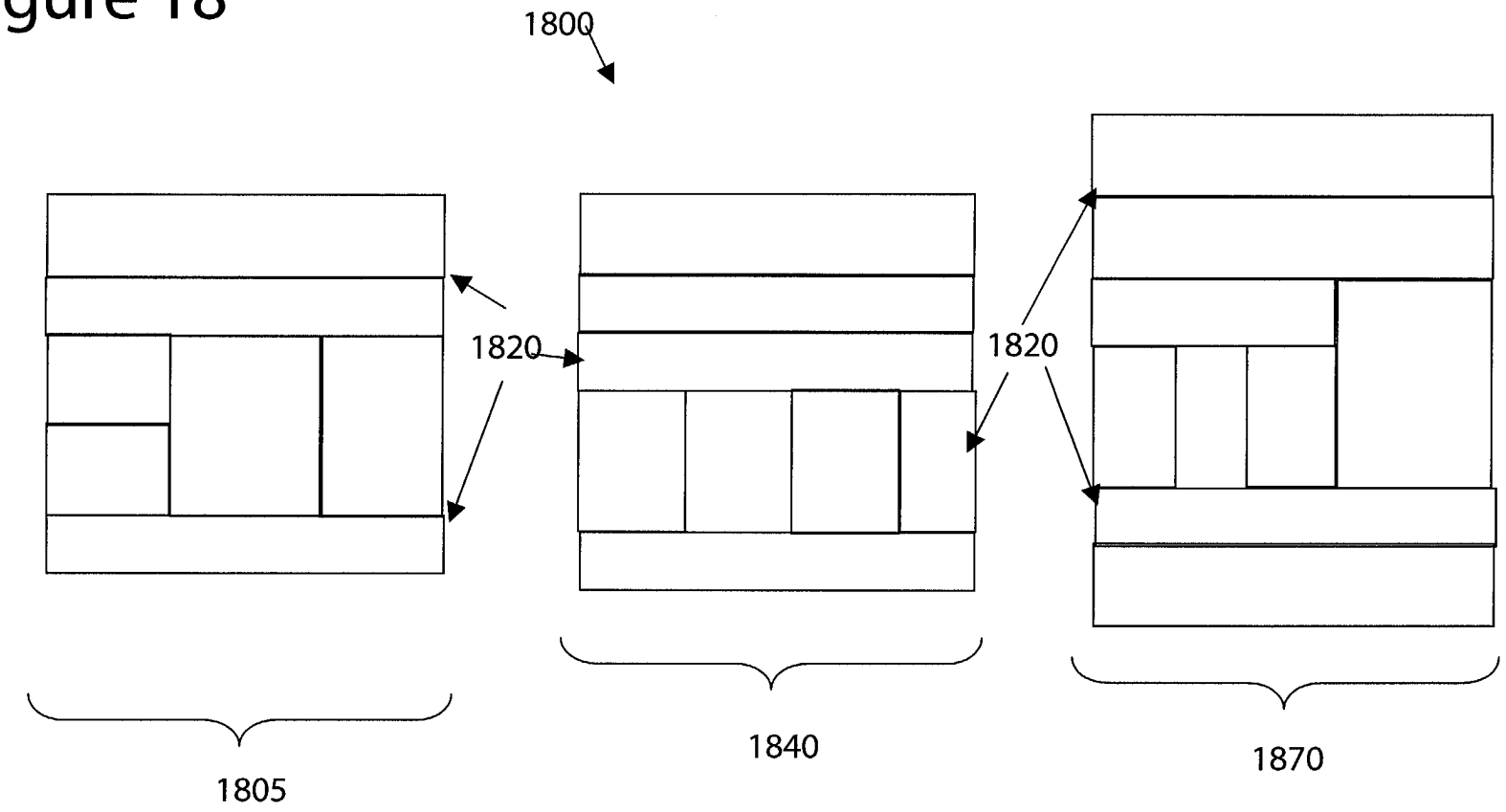
1705a
1721a
1701a
1715a
1725a
1726a
1700a
1702a

Figure 18



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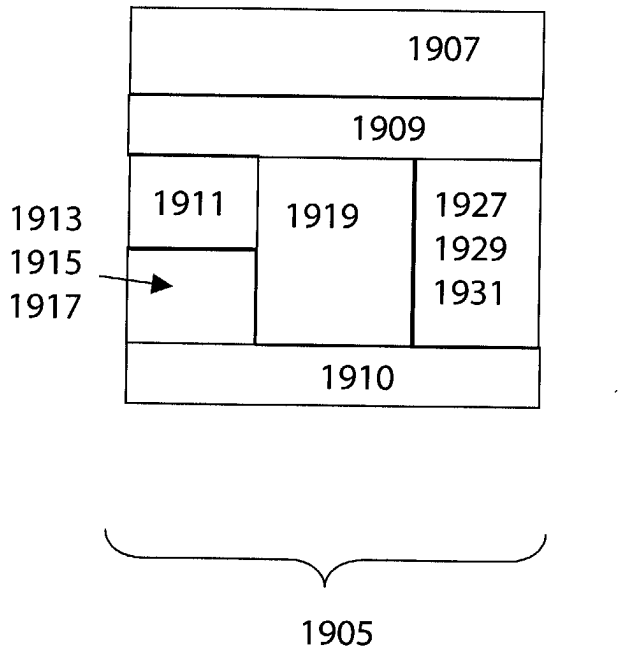

Figure 20

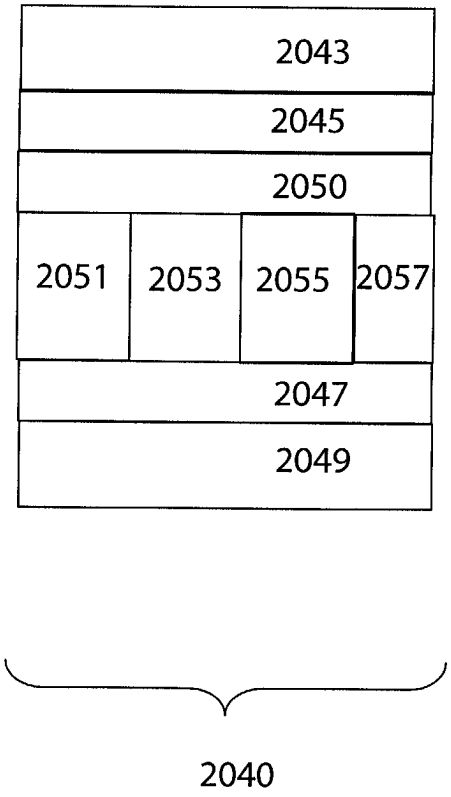

Figure 21

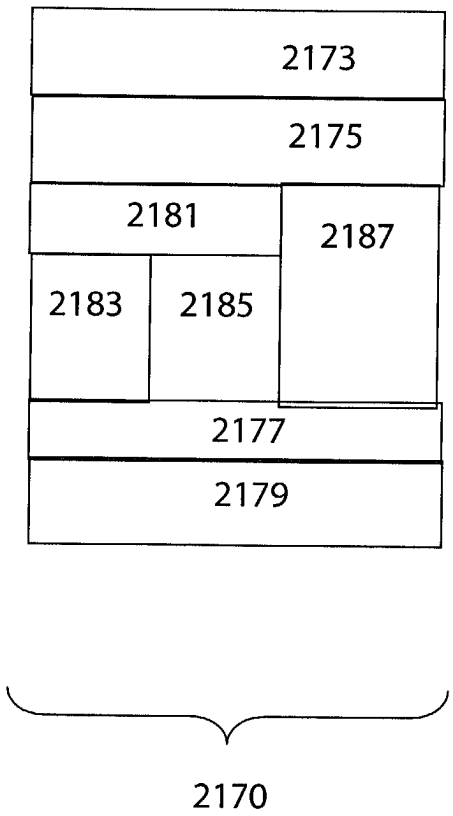

Figure 22

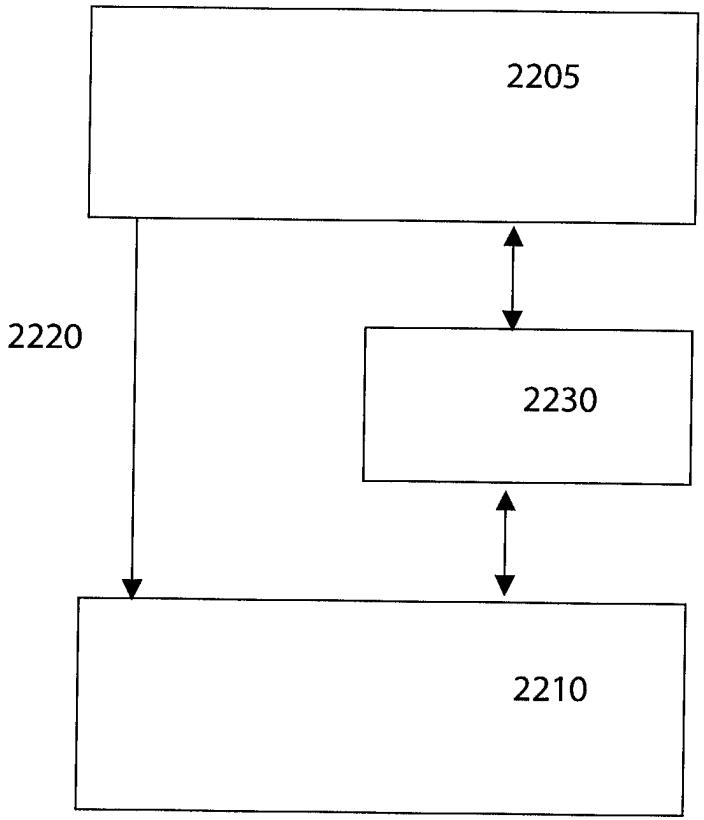
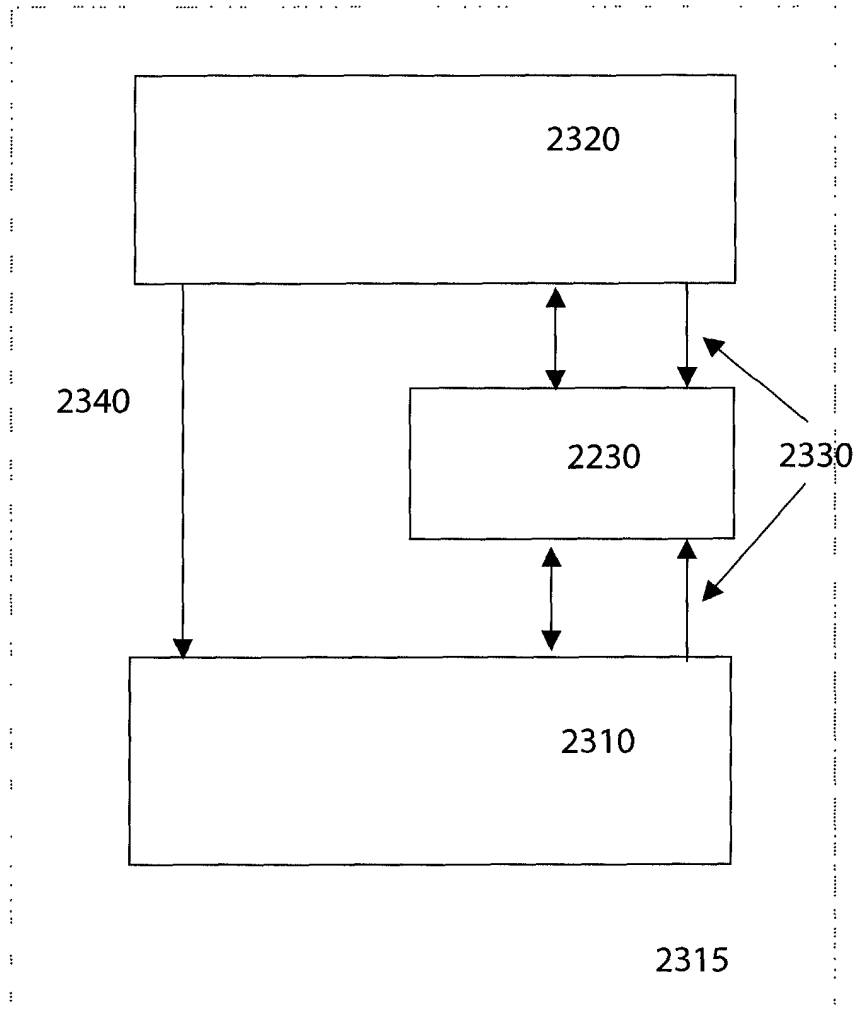
Figure 23